



# HRF Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | YP-Ab-03913                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>         | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>       | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>          | TPT1                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Name</b>       | Translationally-controlled tumor protein                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human TCTP. AA range:71-120                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>        | HRF Polyclonal Antibody detects endogenous levels of HRF protein.                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                               |
| <b>Dilution</b>           | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>           | TPT1; Translationally-controlled tumor protein; TCTP; Fortilin; Histamine-releasing factor; HRF; p23                                                                                                                                                                                                                                                                                                                                                                |
| <b>Observed Band</b>      | 24kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>       | Cytoplasm .                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Specificity</b> | Found in several healthy and tumoral cells including erythrocytes, hepatocytes, macrophages, platelets, keratinocytes, erythroleukemia cells, gliomas, melanomas, hepatoblastomas, and lymphomas. It cannot be detected in kidney and renal cell carcinoma (RCC). Expressed in placenta and prostate.                                                                                                                                                               |
| <b>Function</b>           | function:Involved in calcium binding and microtubule stabilization.,similarity:Belongs to the TCTP family.,subunit:Interacts with STEAP3.,tissue specificity:Found in several healthy and tumoral cells including erythrocytes, hepatocytes, macrophages, platelets, keratinocytes, erythroleukemia cells, gliomas, melanomas, hepatoblastomas, and lymphomas. It cannot be detected in kidney and renal cell carcinoma (RCC). Expressed in placenta and prostate., |
| <b>Background</b>         | function:Involved in calcium binding and microtubule stabilization.,similarity:Belongs to the TCTP family.,subunit:Interacts with STEAP3.,tissue specificity:Found in several healthy and tumoral cells including                                                                                                                                                                                                                                                   |



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#### matters needing attention

Avoid repeated freezing and thawing!

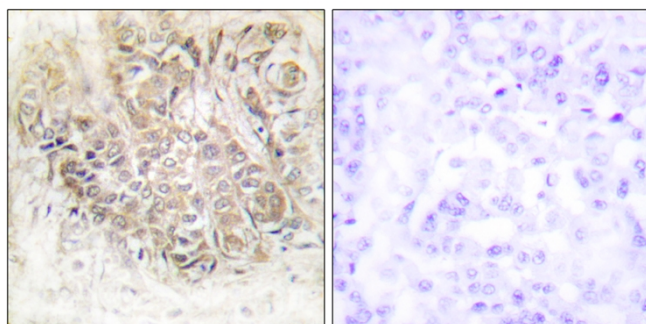
#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

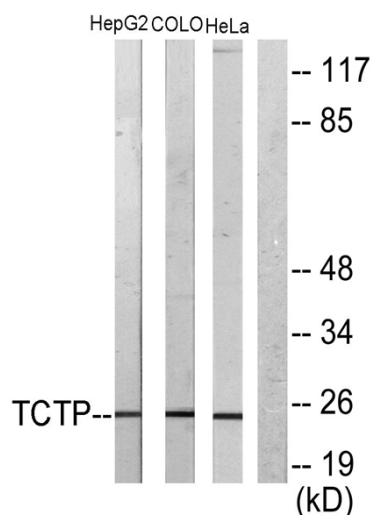
### Products Images



Western Blot analysis of various cells using HRF Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TCTP Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 and COLO205/HeLa cells, using TCTP Antibody. The lane on the right is blocked with the synthesized peptide.