

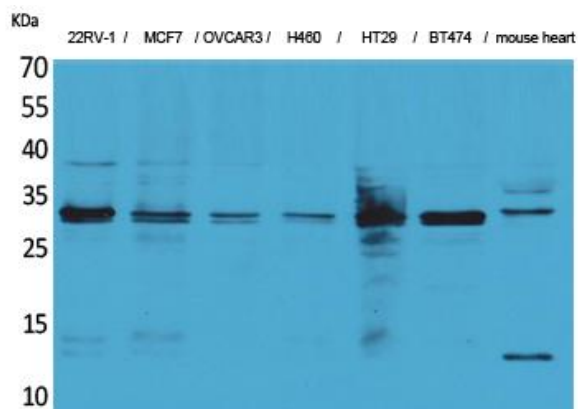


# Latexin Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-00562                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                   | LXN                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                   | Synthesized peptide derived from Latexin . at AA range: 90-170                                                                                                                                                                                                                                              |
| <b>Specificity</b>                 | Latexin Monoclonal Antibody detects endogenous levels of Latexin protein.                                                                                                                                                                                                                                   |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                     |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                        |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                        |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>                    | ECI;Latexin;Protein MUM;TCI;LXN;Endogenous carboxypeptidase inhibitor; Tissue carboxypeptidase inhibitor                                                                                                                                                                                                    |
| <b>Observed Band</b>               | 25kD                                                                                                                                                                                                                                                                                                        |
| <b>Calculated Molecular Weight</b> | 25kD                                                                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>                | Cytoplasm .                                                                                                                                                                                                                                                                                                 |
| <b>Tissue Specificity</b>          | Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain.                                                                                                                                                                                  |
| <b>Function</b>                    | function:Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4.,similarity:Belongs to the protease inhibitor I47 (latexin) family.,tissue specificity:Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain., |
| <b>Background</b>                  | This gene encodes the only known protein inhibitor of zinc-dependent metallopeptidases. [provided by RefSeq, Oct 2008],                                                                                                                                                                                     |
| <b>matters needing attention</b>   | 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 Latexin Monoclonal Antibody