



# GPR75 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-13348                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>                | WB;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>                   | GPR75                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human GPR75. AA range:381-430                                                                                                                                                                                                                                                                                                |
| <b>Specificity</b>                 | GPR75 Polyclonal Antibody detects endogenous levels of GPR75 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. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. 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>                    | Probable G-protein coupled receptor 75;GPR75                                                                                                                                                                                                                                                                                                                                                     |
| <b>Observed Band</b>               | 59kD                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Calculated Molecular Weight</b> | 59kD                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>                | Cell membrane; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>          | Expressed at high levels in brain and spinal cord and at detectable levels in retinal pigment epithelium. In situ hybridization of adult eye sections localized transcripts only to the perivascular cells, surrounding retinal arterioles, in the ganglion cell/nerve fiber layer. Also expressed by islet cells (at protein level).                                                            |
| <b>Function</b>                    | function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed at high levels in brain and spinal cord and at detectable levels in retinal pigment epithelium. In situ hybridization of adult eye sections localized transcripts only to the perivascular cells, surrounding retinal arterioles, in the ganglion cell/nerve fiber layer., |



## Background

GPR75 is a member of the G protein-coupled receptor family. GPRs are cell surface receptors that activate guanine-nucleotide binding proteins upon the binding of a ligand.[supplied by OMIM, Jul 2002],

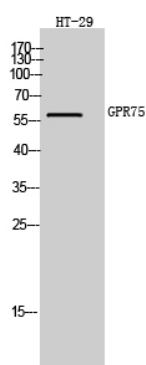
## matters needing attention

Avoid repeated freezing and thawing!

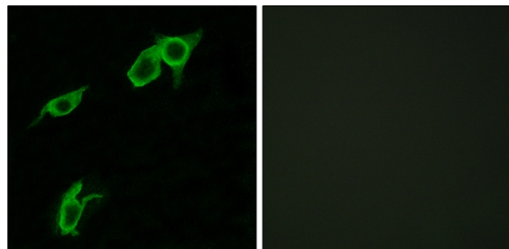
## Usage suggestions

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

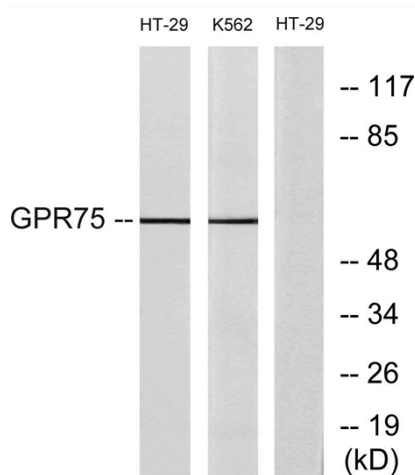
## Products Images



Western Blot analysis of HT-29 cells using GPR75 Polyclonal Antibody



Immunofluorescence analysis of LOVO cells, using GPR75 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT-29 and K562 cells, using GPR75 Antibody. The lane on the right is blocked with the synthesized peptide.