



# GPR64 Polyclonal Antibody

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | YP-Ab-07407   |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Mouse;Rat   |
| <b>Applications</b>       | WB;ELISA  |
| <b>Gene Name</b>          | GPR64 HE6 TM7LN2  |
| <b>Protein Name</b>       | G-protein coupled receptor 64 (Human epididymis-specific protein 6) (He6)   |
| <b>Immunogen</b>          | Synthesized peptide derived from part region of human protein   |
| <b>Specificity</b>        | GPR64 Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 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>           | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage Stability</b>  | -20°C/1 year  |
| <b>Synonyms</b>           |   |
| <b>Observed Band</b>      | 111kD   |
| <b>Cell Pathway</b>       | Apical cell membrane ; Multi-pass membrane protein .  |
| <b>Tissue Specificity</b> | Epididymis-specific expression (at protein level). Both subunits are associated with apical membranes of efferent ductule and proximal epididymal duct epithelia. Mainly expressed in the nonciliated principal cells of the proximal excurrent ducts. Specifically over-expressed in Ewing sarcomas but also up-regulated in a number of carcinomas derived from prostate, kidney or lung.   |
| <b>Function</b>           | function:Could be involved in a signal transduction pathway controlling epididymal function and male fertility.,PTM:Proteolytically cleaved into 2 subunits, an extracellular subunit and a seven-transmembrane subunit .,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,subunit:Forms a heterodimer, consisting of a large extracellular region linked to a seven-transmembrane moiety.,tissue specificity:Epididymis specific. Both subunits were associated with apical membranes of efferent ductule and proximal epididymal duct epithelia., |
| <b>Background</b>         | This gene encodes a member of the G protein-coupled receptor family described as an epididymis-specific transmembrane protein. The encoded protein may be proteolytically processed as it contains a motif shown to be a protein scission motif in some members of this family (PMID: 11973329). Multiple transcript  |



variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011],

**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**