



# GP161 Polyclonal Antibody

<b>Catalog No</b>	BYab-07375
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	GPR161
<b>Protein Name</b>	G-protein coupled receptor 161 (G-protein coupled receptor RE2)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 180-260
<b>Specificity</b>	GP161 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>	58kD
<b>Cell Pathway</b>	Cell projection, cilium membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Mainly localizes to primary cilium in a TULP3 and IFT-A complex-dependent manner. In presence of SHH, it is removed from primary cilia and is internalized into recycling endosomes and is apparently not degraded (By similarity). .
<b>Tissue Specificity</b>	Brain,Fetal brain,Teratocarcinoma,Tongue,
<b>Function</b>	function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,
<b>Background</b>	Upon ligand binding, G protein-coupled receptors, such as GPR161, activate cytoplasmic G proteins (see GNAS, MIM 139320), allowing the receptors to transduce extracellular signals across the plasma membrane into the cell. Phosphorylation of the receptor attenuates signaling (Matteson et al., 2008 [PubMed 18250320]).[supplied by OMIM, Aug 2008],

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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**