



GP161 Polyclonal Antibody

Catalog No	YP-Ab-07375
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	GPR161
Immunogen	Synthesized peptide derived from human protein . at AA range: 180-260
Specificity	GP161 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GP161;GPR161;G-protein coupled receptor 161 (G-protein coupled receptor RE2)
Observed Band	58kD
Calculated Molecular Weight	58kD
Cell Pathway	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). .
Tissue Specificity	Brain,Fetal brain,Teratocarcinoma,Tongue,
Function	function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Background	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],

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