



# GPR116 Polyclonal Antibody

<b>Catalog No</b>	BYab-13289
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	GPR116
<b>Protein Name</b>	Probable G-protein coupled receptor 116
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPR116. AA range:11-60
<b>Specificity</b>	GPR116 Polyclonal Antibody detects endogenous levels of GPR116 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. Immunohistochemistry: 1/100 - 1/300. 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>	GPR116; KIAA0758; Probable G-protein coupled receptor 116
<b>Observed Band</b>	150kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Brain,Plasma,Testis,
<b>Function</b>	function:May have a role in the regulation of acid-base balance.,PTM:Proteolytically cleaved into 2 highly conserved sites: one in the SEA domain and the other in the stalk domain region preceding the first transmembrane. The later 2 subunits, the extracellular subunit and the seven-transmembrane subunit, remain tightly associated and non-covalently linked.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 1 SEA domain.,similarity:Contains 3 Ig-like (immunoglobulin-like) domains.,subunit:Exists as disulfide-linked dimers at the cell surface.,

**Nanjing BYabscience technology Co.,Ltd**



### Background

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### matters needing attention

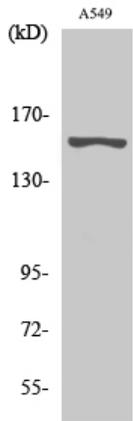
Avoid repeated freezing and thawing!

### Usage suggestions

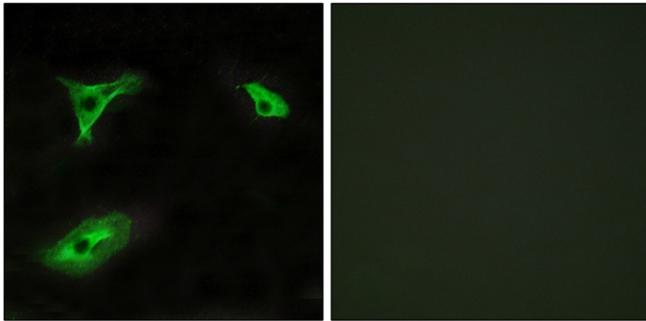
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



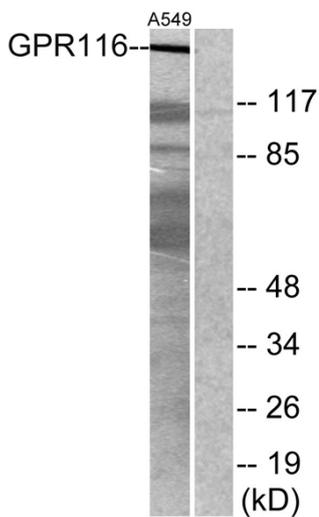
## Products Images



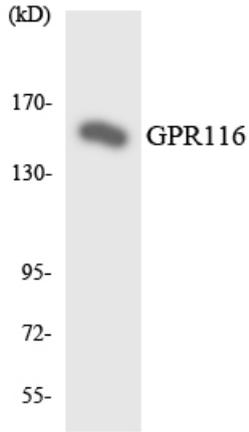
Western Blot analysis of various cells using GPR116 Polyclonal Antibody diluted at 1:500



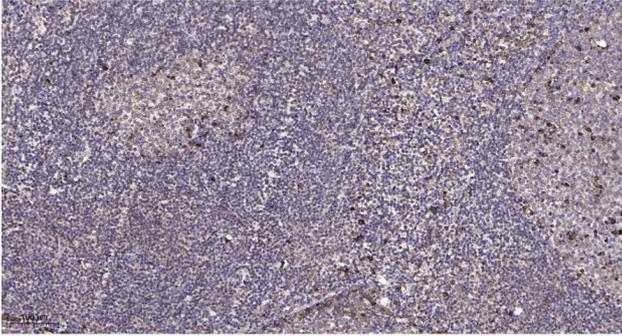
Immunofluorescence analysis of HeLa cells, using GPR116 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using GPR116 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using GPR116 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).