



# GPR133 Polyclonal Antibody

<b>Catalog No</b>	BYab-13297
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Monkey
<b>Applications</b>	WB;IF;ELISA
<b>Gene Name</b>	GPR133
<b>Protein Name</b>	Probable G-protein coupled receptor 133
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPR133. AA range:461-510
<b>Specificity</b>	GPR133 Polyclonal Antibody detects endogenous levels of GPR133 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>	GPR133; PGR25; Probable G-protein coupled receptor 133; G-protein coupled receptor PGR25
<b>Observed Band</b>	96kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Up-regulated in CD133(+) cell population of glioblastoma.
<b>Function</b>	function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,
<b>Background</b>	The adhesion G-protein-coupled receptors (GPCRs), including GPR133, are membrane-bound proteins with long N termini containing multiple domains. GPCRs, or GPRs, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins (summary by Bjarnadottir et al., 2004 [PubMed 15203201]).[supplied by OMIM, Nov 2010],

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**matters needing attention**

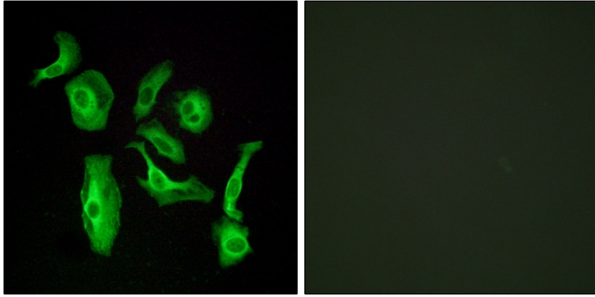
Avoid repeated freezing and thawing!

**Usage suggestions**

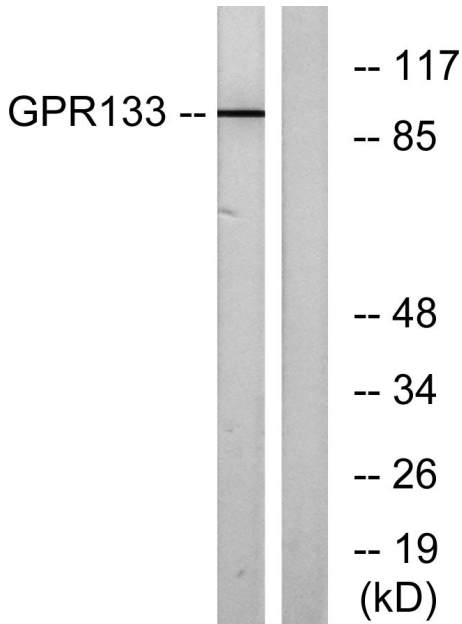
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



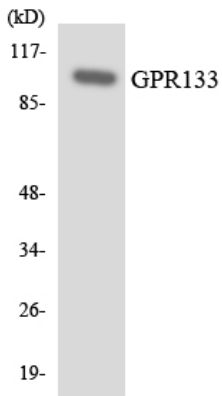
## Products Images



Immunofluorescence analysis of HeLa cells, using GPR133 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using GPR133 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using GPR133 antibody.