



GPR133 Polyclonal Antibody

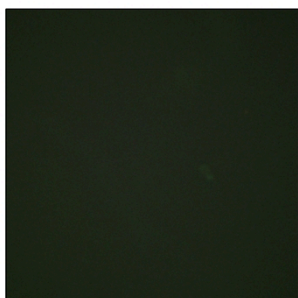
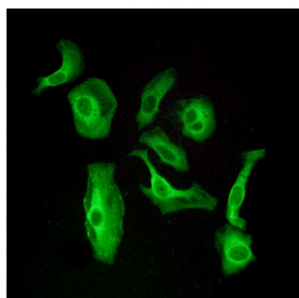
Catalog No	YP-Ab-13297
Isotype	IgG
Reactivity	Human;Monkey
Applications	WB;IF;ELISA
Gene Name	GPR133
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR133. AA range:461-510
Specificity	GPR133 Polyclonal Antibody detects endogenous levels of GPR133 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GPR133;Probable G-protein coupled receptor 133;PGR25;G-protein coupled receptor PGR25
Observed Band	96kD
Calculated Molecular Weight	96kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Up-regulated in CD133(+) cell population of glioblastoma.
Function	function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,
Background	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],
matters needing attention	Avoid repeated freezing and thawing!



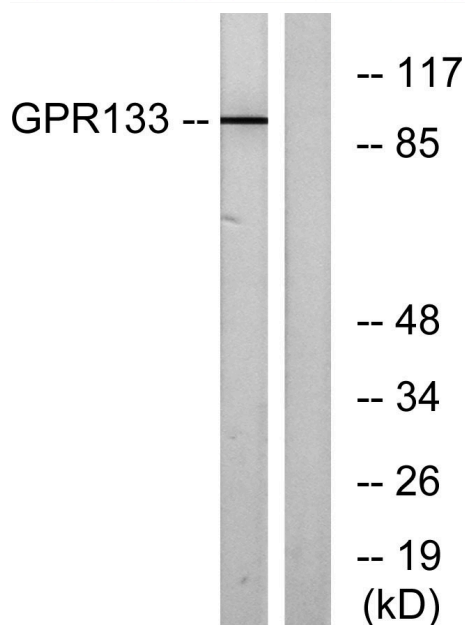
Usage suggestions

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

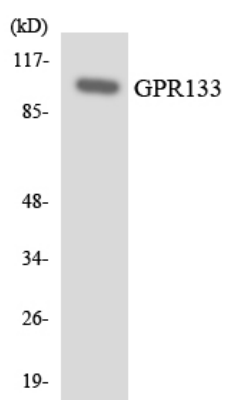
Products Images



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.