Best Tools for immunology Research

GPR133 Polyclonal Antibody

Catalog No :	YT1969
Reactivity :	Human;Monkey
Applications :	WB;IF;ELISA
Target :	GPR133
Gene Name :	GPR133
Protein Name :	Probable G-protein coupled receptor 133
Human Gene Id :	283383
Human Swiss Prot No :	Q6QNK2
Mouse Swiss Prot No :	Q80T32
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
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	96kD

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],

Function : function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,

Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : Up-regulated in CD133(+) cell population of glioblastoma.

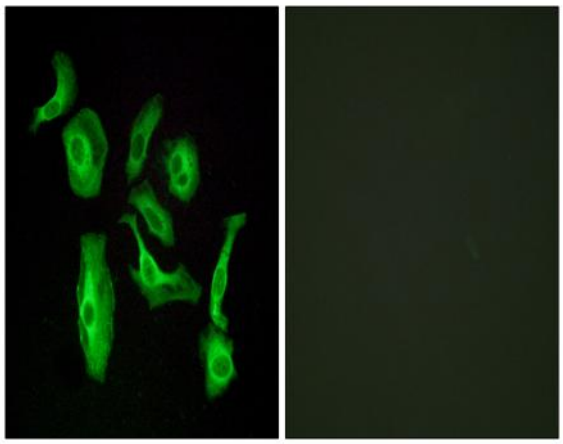
Sort : 6998

No4 : 1

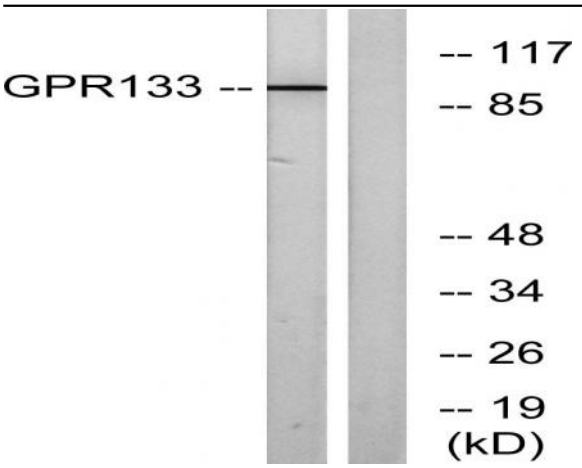
Host : Rabbit

Modifications : Unmodified

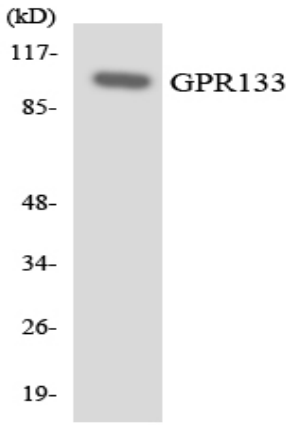
Products Images



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.