Best Tools for immunology Research

GPR87 Polyclonal Antibody

Catalog No :	YT2034
Reactivity :	Human;Mouse
Applications :	WB;IF;ELISA
Target :	GPR87
Gene Name :	GPR87
Protein Name :	G-protein coupled receptor 87
Human Gene Id :	53836
Human Swiss Prot No :	Q9BY21
Mouse Gene Id :	84111
Mouse Swiss Prot No :	Q99MT7
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPR87. AA range:221-270
Specificity :	GPR87 Polyclonal Antibody detects endogenous levels of GPR87 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 : 40kD

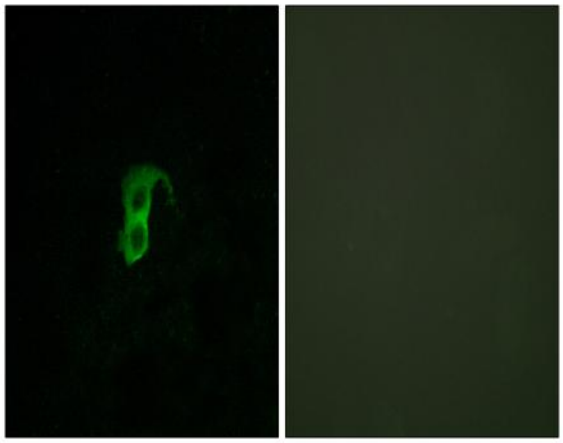
Background : This gene encodes a G protein-coupled receptor and is located in a cluster of G protein-couple receptor genes on chromosome 3. The encoded protein has been shown to be overexpressed in lung squamous cell carcinoma (PMID:18057535) and regulated by p53 (PMID:19602589). [provided by RefSeq, Nov 2011],

Function : function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in placenta and prostate. Weaker expression in thymus. Not expressed in thalamus, hippocampus, pons or cerebellum.,

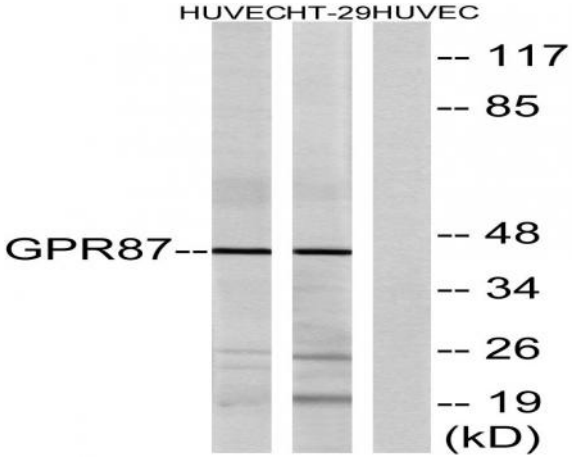
Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : Expressed in placenta and prostate. Weaker expression in thymus. Not expressed in thalamus, hippocampus, pons or cerebellum. Overexpressed in squamous cell carcinoma of the lung.

Products Images



Immunofluorescence analysis of HUVEC cells, using GPR87 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC and HT-29 cells, using GPR87 Antibody. The lane on the right is blocked with the synthesized peptide.