

MRGX1 Polyclonal Antibody

Catalog No :	YT2835
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC
Target :	MRGX1
Gene Name :	MRGPRX1
Protein Name :	Mas-related G-protein coupled receptor member X1
Human Gene Id :	259249
Human Swiss Prot No :	Q96LB2
Mouse Swiss Prot No :	Q8CIP3
Immunogen :	The antiserum was produced against synthesized peptide derived from human MRGX1. AA range:271-320
Specificity :	MRGX1 Polyclonal Antibody detects endogenous levels of MRGX1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
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 :	36kD

Background : function:Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Potently activated by enkephalins including BAM22 (bovine adrenal medulla peptide 22) and BAM (8-22). BAM22 is the most potent compound and evoked a large and dose-dependent release of intracellular calcium in stably transfected cells. G(alpha)q proteins are involved in the calcium-signaling pathway.,similarity:Belongs to the G-protein coupled receptor 1 family. Mas subfamily.,tissue specificity:Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.,

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

Expression : Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.

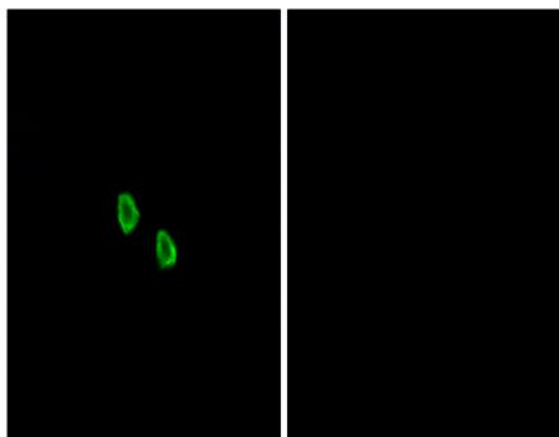
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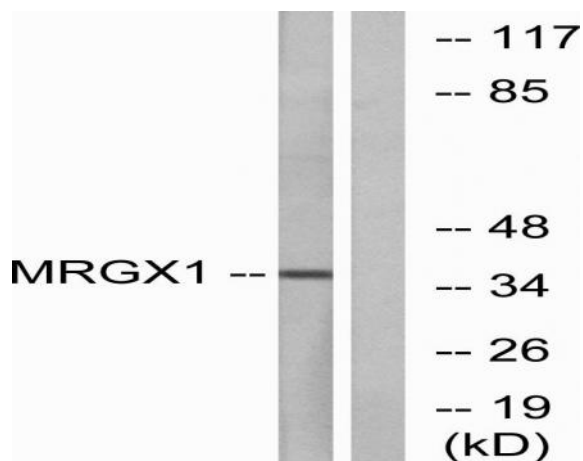
Host : Rabbit

Modifications : Unmodified

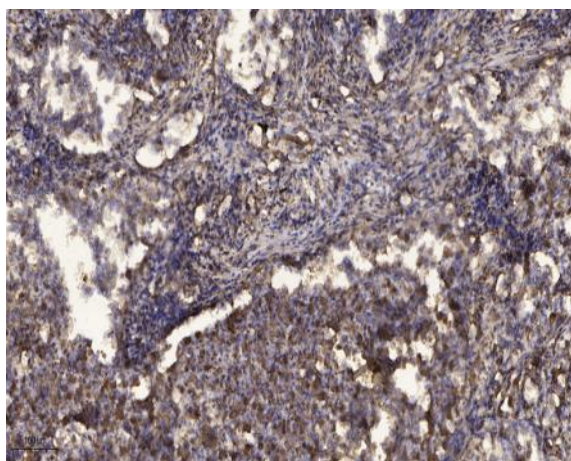
Products Images



Immunofluorescence analysis of HepG2 cells, using MRGX1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from MCF-7 cells, using MRGX1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 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).