



MRGX4 Polyclonal Antibody

Catalog No	YP-Ab-13427
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	MRGPRX4
Immunogen	The antiserum was produced against synthesized peptide derived from human MRGX4. AA range:271-320
Specificity	MRGX4 Polyclonal Antibody detects endogenous levels of MRGX4 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	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MRGX4;MRGPRX4;Mas-related G-protein coupled receptor member X4;SNSR5; SNSR6;Sensory neuron-specific G-protein coupled receptor 5/6
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.
Function	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., 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.,
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.,

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.,

**matters needing
attention**

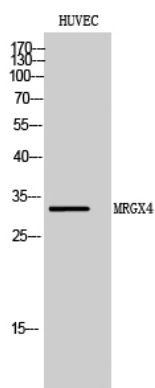
Avoid repeated freezing and thawing!

Usage suggestions

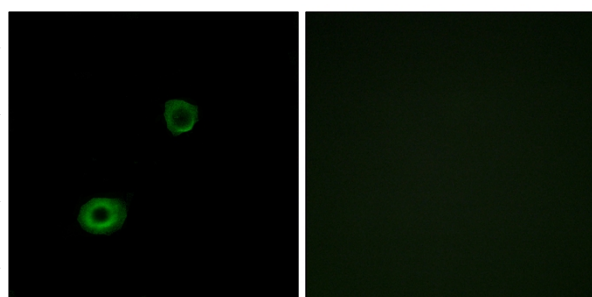
This product can be used in immunological reaction related experiments. For
more information, please consult technical personnel.



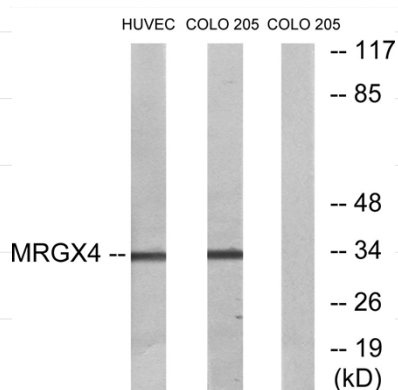
Products Images



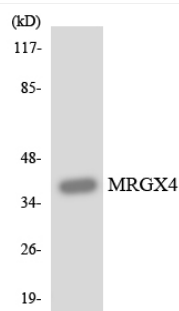
Western Blot analysis of HUVEC cells using MRGX4 Polyclonal Antibody



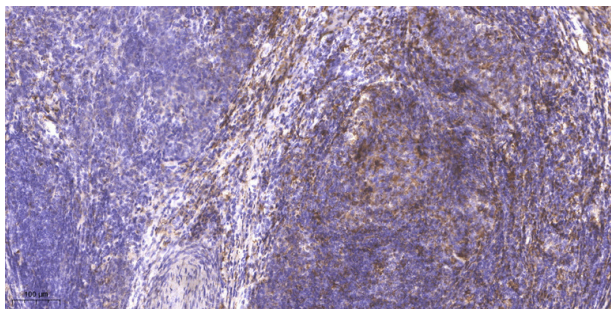
Immunofluorescence analysis of A549 cells, using MRGX4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC and COLO cells, using MRGX4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using MRGX4 antibody.



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 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).