



# MRGX4 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-13427
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC
<b>Gene Name</b>	MRGPRX4
<b>Protein Name</b>	Mas-related G-protein coupled receptor member X4
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MRGX4. AA range:271-320
<b>Specificity</b>	MRGX4 Polyclonal Antibody detects endogenous levels of MRGX4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MRGPRX4; MRGX4; SNSR5; SNSR6; Mas-related G-protein coupled receptor member X4; Sensory neuron-specific G-protein coupled receptor 5/6
<b>Observed Band</b>	33kD
<b>Cell Pathway</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.
<b>Function</b>	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.,
<b>Background</b>	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.,



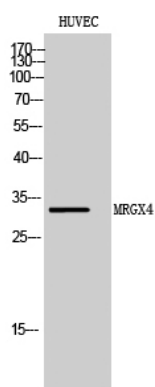
## matters needing attention

Avoid repeated freezing and thawing!

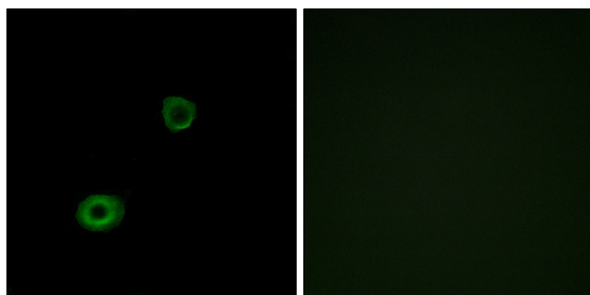
## Usage suggestions

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

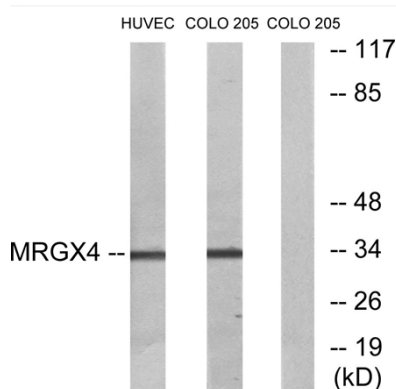
## Products Images



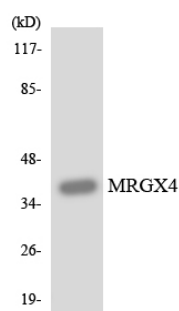
Western Blot analysis of HUVEC cells using MRGX4 Polyclonal Antibody



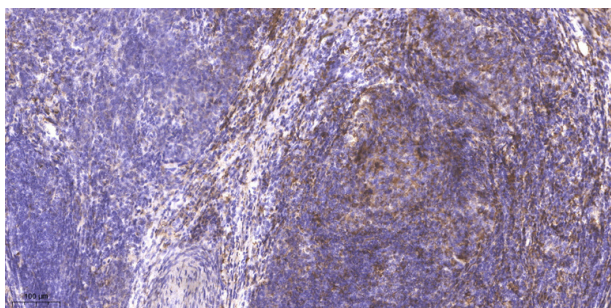
Immunofluorescence analysis of A549 cells, using MRGX4 Antibody. The picture on the right is blocked with the synthesized peptide.



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).