

MRGPRA Rabbit pAb

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Catalog # AP56819

Product Information

Application	WB
Primary Accession	Q7TN49
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34346
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from rat MRGPRA
Epitope Specificity	1-100/304
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Multi-pass membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MRGPRA, Mas-related G-protein coupled receptor member A, is an orphan receptor activated by a subset of RFamide-family neuropeptides such as FLRF-amide and FMRF-amide. It mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated by G(q) and G(11) proteins and it may regulate the function of nociceptive neurons by modulation of pain perception.

Additional Information

Gene ID	252960
Other Names	Mas-related G-protein coupled receptor member A, Mrgpra, Mrga
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

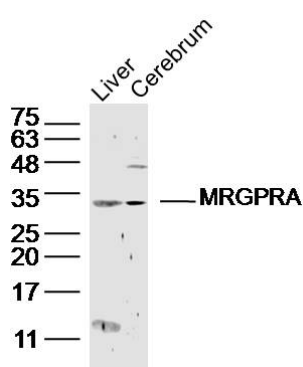
Name	Mrgpra
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Synonyms	Mrga
Function	Orphan receptor activated by a subset of RFamide-family neuropeptides such as FLRF-amide and FMRF-amide. Mediates its action by association with G proteins that activate a phosphatidylinositol- calcium second messenger system. Its effect is mediated by G(q) and G(11) proteins. May regulate the function of nociceptive neurons by modulation of pain perception (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed in a subset of IB4-positive small diameter nociceptive dorsal root neurons

Background

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Images



Sample:
Liver (Mouse) Lysate at 40 ug
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-MRGPRA (AP56819) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 34 kD
Observed band size: 34 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.