

MRGPRX1 Polyclonal Antibody

Catalog No. E-AB-64477

Note: Centrifuge before opening to ensure complete recovery of vial contents.

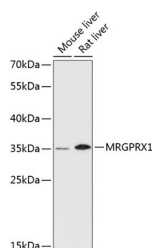
Description

Reactivity	Mouse,Rat
Immunogen	Recombinant fusion protein of human MRGPRX1 (NP_671732.3).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of extracts of various cell lines using MRGPRX1 Polyclonal Antibody at dilution of 1:3000.

Observed Mw:36kDa
Calculated Mw:36kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

MRGX1 is an opiod receptor that has been reported exclusively in dorsal root ganglion. MRGX1 is probably involved in the function of nociceptive neurons and may regulate nociceptor function and/or development, including the sensation or modulation of pain. It is 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.

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