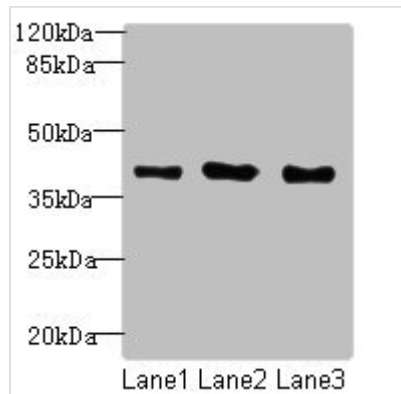




MRGPRX2 Antibody

Product Code	CSB-PA839361LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q96LB1
Immunogen	Recombinant Human Mas-related G-protein coupled receptor member X2 protein (286-330AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IF; Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200
Relevance	Mast cell-specific receptor for basic secretagogues, i.e. cationic amphiphilic drugs, as well as endo- or exogenous peptides, consisting of a basic head group and a hydrophobic core (PubMed:25517090). Recognizes and binds small molecules containing a cyclized tetrahydroisoquinoline (THIQ), such as non-steroidal neuromuscular blocking drugs (NMBDs), including tubocurarine and atracurium. In response to these compounds, mediates pseudo-allergic reactions characterized by histamine release, inflammation and airway contraction. Acts as a receptor for a number of other ligands, including peptides and alkaloids, such as cortistatin-14, proadrenomedullin N-terminal peptides PAMP-12 and, at lower extent, PAMP-20, antibacterial protein LL-37, PMX-53 peptide, beta-defensins, and complanadine A.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Mas-related G-protein coupled receptor member X2, MRGPRX2, MRGX2
Species	Human
Research Area	Neuroscience
Target Names	MRGPRX2
Image	


Western blot

All lanes: MRGPRX2 antibody at 5 μ g/ml

Lane 1: 293T whole cell lysate

Lane 2: Mouse liver tissue

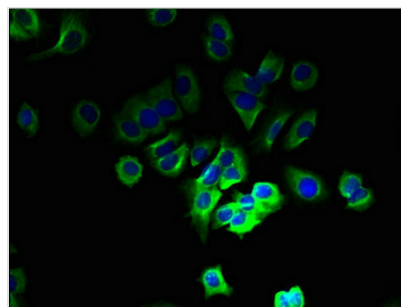
Lane 3: MCF-7 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 38 kDa

Observed band size: 38 kDa


Immunofluorescent analysis of MCF-7 cells

using CSB-PA839361LA01HU at dilution of

1:100 and Alexa Fluor 488-conjugated

AffiniPure Goat Anti-Rabbit IgG(H+L)