

CMKLR1 Rabbit pAb

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Catalog # AP52238

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human, Mouse
Predicted	Rat, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from rat CMKLR1
Epitope Specificity	151-250/371
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	Chemokine-Like Receptor 1 (CMKLR1) is a serpentine transmembrane G-protein linked receptor. It is an orphan chemoattractant receptor, also known as ChemR23 or DEZ. CMKLR1 is expressed on the surface of monocyte-derived immature dendritic cells and peripheral plamacytoid dendritic (pDC) cells; but not on myeloid dendritic (mDC) cells, monocytes and lymphocytes. The expression of CMKLR1 on pDC is down-regulated after activation. Chemerin (TIG2) is a natural ligand of CMKLR1. The interaction of CMKLR1 with Chemerin induces pDC activation and chemotaxis. It has been shown that CMKLR1 is a coreceptor for several strains of SIV and HIV-1. CMKLR1 is a potential useful marker for distinguishing pDCs and mDCs.

Additional Information

Other Names	DEZ; Gpcr27; ChemR23; mcmklr1; Chemokine-like receptor 1; G-protein coupled receptor DEZ; Cmk1r1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

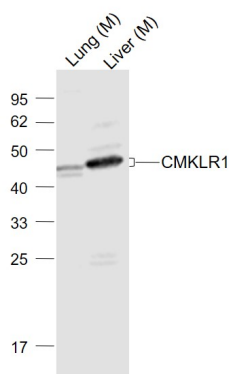
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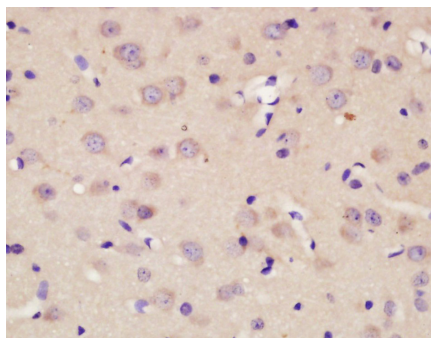
References

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Images



Sample: Lane 1: Lung (Mouse) Lysate at 40 ug Lane 2: Liver (Mouse) Lysate at 40 ug Primary: Anti-CMKLR1 (AP52238) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD Observed band size: 42 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-CMKLR1 Polyclonal Antibody, Unconjugated(AP52238) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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