

CHEMR23 / CMKLR1 Polyclonal Antibody | anti-CHEMR23 antibody

Rabbit Polyclonal to Human CHEMR23 / CMKLR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51682	CHEMR23/CMKR1 antibody was produced in Rabbit	Human, Monkey, Dog, Rabbit Predicted Reactivity: Horse	Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

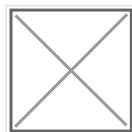
CHEMR23 / CMKLR1; Polyclonal Antibody; Rabbit Polyclonal to Human CHEMR23 / CMKLR1; Anti-CHEMR23 / CMKLR1 Antibody (N-Terminus) IHC-plus; CMKLR1; Chemokine receptor-like 1; DEZ; CHEMERINR; Resolvin E1 receptor; RVER1; Chemokine-like receptor 1; ChemR23; G-protein coupled receptor DEZ; Human CHEMR23; anti-CHEMR23 antibody

PRODUCT SPECIFICATIONS

Host	CHEMR23/CMKR1 antibody was produced in Rabbit
Reactivity	Human, Monkey, Dog, Rabbit Predicted Reactivity: Horse
Clonality	Polyclonal
Specificity	Human CMKLR1, BLAST analysis of the peptide immunogen showed no homology with other human proteins except FZD6 (106%)
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Applicable Applications for anti-CHEMR23 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	CHEMR23/CMKLR1
Family	GPCR/Chemoattractant
Immunogen Species	CHEMR23/CMKLR1 antibody was raised against Human
Antigen Type	Synthetic Type
Immunogen	CHEMR23/CMKLR1 antibody was raised against synthetic 18 amino acid peptide from N-Terminus extracellular domain of human CMKLR1. Percent identity with other species by BLAST analysis
Epitope	N-Terminus
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Anti-CMKLR1 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CHEMR23 antibody

Chemokine-Like Receptor 1 (CMKLR1) is a chemoattractant receptor. CMKLR1 is thought to act primarily in bone development where it is differentially regulated in osseous and cartilaginous tissue. It also acts as a coreceptor for immunodeficiency viruses. CMKLR1 has two variants that are produced by alternative splicing.

Product Categories/Family for anti-CHEMR23 antibody

Family: GPCR; Subfamily: Chemoattractant

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758014
NCBI GeneID	1240
NCBI Accession #	NP_004063.1
NCBI GenBank Nucleotide #	NM_004072.2
UniProt Accession #	Q99788; O75748; Q3KP37; Q5U0H0; Q99789; A8K6Y5
NCBI Official Full Name	chemokine-like receptor 1 isoform b
NCBI Official Synonym Full Names	chemokine-like receptor 1
NCBI Official Symbol	CMKLR1
NCBI Official Synonym Symbols	DEZ; RVER1; ChemR23; CHEMERINR
NCBI Protein Information	chemokine-like receptor 1; chemerin receptor; resolvin E1 receptor; chemokine receptor-like 1; G-protein coupled receptor DEZ; G-protein coupled receptor ChemR23; orphan G-protein coupled receptor, Dez
UniProt Protein Name	Chemokine-like receptor 1
UniProt Gene Name	CMKLR1
UniProt Synonym Gene Names	CHEMR23; DEZ
UniProt Entry Name	CML1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chemr23-cmk1r1-antibody-immunohistochemistry-immunohistochemistry-elisa/51682>