

Rabbit C19orf10 Polyclonal Antibody | anti-C19orf10 antibody

C19orf10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326017	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

C19orf10; Polyclonal Antibody; C19orf10 Antibody; Chromosome 19 open reading frame 10; CS010_HUMAN; EUROIMAGE1875335; IL 25; IL 27; IL-25; IL25; IL27; IL27w; Interleukin 25; Interleukin 27 working designation; Interleukin-25; Interleukin25; R33729 1; R337291; SF20; Stromal cell derived growth factor; Stromal cell derived growth factor SF20; Stromal cell-derived growth factor SF20; Uncharacterized protein C19orf10 precursor; UPF0556 protein C19orf10; anti-C19orf10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	C19orf10 antibody detects endogenous levels of total C19orf10
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	173
Applicable Applications for anti-C19orf10 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human C19orf10
Subcellular Location	Secreted. Endoplasmic reticulum-Golgi intermediate compartment.
Tissue Specificity	Expressed in bone marrow cells (PubMed:25581518). Expressed in synovial tissue. Found in synovial fluid of patients with arthropaties (PubMed:17362502).
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Zebrafish (92%), Bovine (92%), Horse (92%), Sheep (92%), Dog (92%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of K562 using C19orf10 antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326017 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-C19orf10 antibody	Description: The protein encoded by this gene was previously thought to support proliferation of lymphoid cells and was considered an interleukin. However, this activity has not been reproducible and the function of this protein is currently unknown. [provided by RefSeq, Jul 2008] Function: Bone marrow-derived monocyte and paracrine-acting protein that promotes cardiac myocyte survival and adaptive angiogenesis for cardiac protection and/or repair after myocardial infarction (MI). Stimulates endothelial cell proliferation through a MAPK1/3-, STAT3-and CCND1-mediated signaling pathway. Inhibits cardiac myocyte apoptosis in a PI3K/AKT-dependent signaling pathway (By similarity). Involved in endothelial cell proliferation and angiogenesis (PubMed:25581518). Similarity: Belongs to the MYDGF family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33457348
NCBI GeneID	56005
NCBI Accession #	NP_061980.1
NCBI GenBank Nucleotide #	NM_019107.3
UniProt Accession #	Q969H8; O75256; O75272; Q9BTK7; Q9NP69; D6W628
Molecular Weight	Observed: 19 kDa Predicted: 19 kDa
NCBI Official Full Name	myeloid-derived growth factor
NCBI Official Synonym Full Names	myeloid derived growth factor
NCBI Official Symbol	MYDGF
NCBI Official Synonym Symbols	IL25; IL27; SF20; IL27w; C19orf10; R33729_1; EUOIMAGE1875335
NCBI Protein Information	myeloid-derived growth factor
UniProt Protein Name	Myeloid-derived growth factor
UniProt Gene Name	MYDGF
UniProt Synonym Gene Names	C19orf10ImportedManual assertion inferred from database entriesiHGNC:16948; IL251 PublicationManual assertion based on opinion iniRef.1; MYDGF1 PublicationManual assertion based on opinion iniRef.10; IL-251 PublicationManual assertion based on opinion ini

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