



Rabbit Anti-PLXNC1/CD232 antibody

SL7492R

Product Name:	PLXNC1/CD232
Chinese Name:	细胞表面蛋白CD232抗体
Alias:	CD232; Plexin-C1; PLXC1_HUMAN; Plxnc1; Virus-encoded semaphorin protein receptor.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	172kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PLXNC1/CD232:681-780/1568<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the plexin family. Plexins are transmembrane receptors for semaphorins, a large family of proteins that regulate axon guidance, cell motility and migration, and the immune response. The encoded protein and its ligand regulate melanocyte adhesion, and viral semaphorins may modulate the immune response by binding to this receptor. The encoded protein may be a tumor suppressor protein for

melanoma. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jan 2011]

Function:

Receptor for SEMA7A, for smallpox semaphorin A39R, vaccinia virus semaphorin A39R and for herpesvirus Sema protein. Binding of semaphorins triggers cellular responses leading to the rearrangement of the cytoskeleton and to secretion of IL6 and IL8.

Subcellular Location:

Membrane.

Tissue Specificity:

Detected in heart, brain, lung, spleen and placenta.

Post-translational modifications:

N-glycosylated.

Similarity:

Belongs to the plexin family.
Contains 1 Sema domain.

SWISS:

O60486

Gene ID:

10154

Database links:

[Entrez Gene: 10154](#) Human

[Entrez Gene: 54712](#) Mouse

[Omim: 604259](#) Human

[SwissProt: O60486](#) Human

[SwissProt: Q9QZC2](#) Mouse

[Unigene: 584845](#) Human

[Unigene: 256712](#) Mouse

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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