

anti-Mouse, Rat CD146 Polyclonal Antibody | anti-CD146 antibody

CD146 Antibody

CATALOG # AAA110904	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CD146; Polyclonal Antibody; CD146 Antibody; anti-CD146 antibody

PRODUCT SPECIFICATIONS

Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of CD146.
Purity/Purification	Affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 25% Glycerol.
Sequence Length	646
Applicable Applications for anti-CD146 antibody	WB (Western Blot)
Preservative	0.05% Sodium Azide.
Cellular Localization	Cell Membrane
Positive Control	Melanorna
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at-20 degree C or-80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD146 antibody	CD146 is a cell surface glycoprotein, originally identified as a melanoma antigen, whose expression is associated with tumor progression and the development of metastatic potential. Overexpression of CD146 in breast carcinoma cells results in a more cohesive cell growth and in the formation of smaller tumors in nude mice. During implantation and placentation, CD146 is expressed by the intermediate trophoblast in the placental site and binds to its putative receptor in uterine smooth muscle cells thus limiting trophoblastic invasion in the myometrium.
References	1. Lehmann J.M., Riethmueller G., Johnson J.P.; "MUC18, a marker of tumor progression in human melanoma, shows sequence similarity to the neural cell adhesion molecules of the immunoglobulin superfamily."; Proc. Natl. Acad. Sci. U.S.A. 86:9891-9895(1989). 2. Sers C., Kirsch K., Rothbaecher U., Riethmueller G., Johnson J.P.; "Genomic organization of the melanoma-associated glycoprotein MUC18: implications for the evolution of the immunoglobulin domains."; Proc. Natl. Acad. Sci. U.S.A. 90:8514-8518(1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	71274107
NCBI GeneID	4162
NCBI Accession #	NP_006491.2
NCBI GenBank Nucleotide #	NM_006500.2
UniProt Accession #	P43121; O95812; Q59E86; Q6PHR3; Q6ZTR2
Molecular Weight	113kDa
NCBI Official Full Name	cell surface glycoprotein MUC18
NCBI Official Synonym Full Names	melanoma cell adhesion molecule
NCBI Official Symbol	MCAM
NCBI Official Synonym Symbols	CD146; MUC18
NCBI Protein Information	cell surface glycoprotein MUC18
UniProt Protein Name	Cell surface glycoprotein MUC18
UniProt Gene Name	MCAM
UniProt Synonym Gene Names	MUC18

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.