

Rabbit anti-Mouse, Rat TEM7 Polyclonal Antibody | anti-TEM7 antibody

RABBIT ANTI TEM7

CATALOG # AAA50076	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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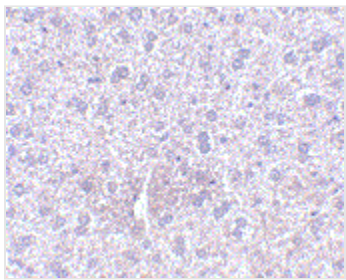
PRODUCT SYNONYMS

TEM7; Polyclonal Antibody; RABBIT ANTI TEM7; anti-TEM7 antibody

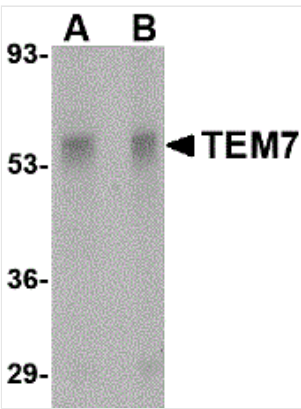
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises human Tumour endothelial marker 7 (TEM7), a 55.8 kDa protein belonging to the plexin family. TEM7 is strongly expressed in endothelial cells from colorectal cancer and from primary cancers of the lung, liver, brain, breast and pancreas. High expression of TEM7 is associated with metastasis and poor survival of patients with osteogenic sarcoma. Studies have indicated the existence of least four isoforms of TEM7 which include membrane bound, secreted and intracellular forms. TEM7 is not detectable in endothelial cells from normal tissues.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-TEM7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A peptide corresponding to a 16 amino acid sequence from near the center of human TEM7. Histology Positive Control Tissue
Antiserum Preparation	Antiserum to human TEM7 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistochemical staining of mouse liver with Rabbit anti Human TEM7 (AAA50076) at 2.5ug/ml



Application Data
Western blot analysis of rat liver lysate probed with Rabbit anti Human TEM7 (AAA50076) at 0.5(A) and 1(B) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TEM7 antibody	MBS223982 recognises human Tumour endothelial marker 7 (TEM7), a 55.8 kDa protein belonging to the plexin family. TEM7 is strongly expressed in endothelial cells from colorectal cancer and from primary cancers of the lung, liver, brain, breast and pancreas. High expression of TEM7 is associated with metastasis and poor survival of patients with osteogenic sarcoma. Studies have indicated the existence of least four isoforms of TEM7 which include membrane bound, secreted and intracellular forms. TEM7 is not detectable in endothelial cells from normal tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15011862
NCBI GeneID	57125
NCBI Accession #	NP_065138.2
NCBI GenBank Nucleotide #	NM_020405.4
UniProt Accession #	Q8IUUK5; Q5QCZ7; Q5QCZ8; Q5QCZ9; Q9HCT9; B2R7I8
Molecular Weight	47,895 Da
NCBI Official Full Name	plexin domain-containing protein 1
NCBI Official Synonym Full Names	plexin domain containing 1
NCBI Official Symbol	PLXDC1
NCBI Official Synonym Symbols	TEM3; TEM7
NCBI Protein Information	plexin domain-containing protein 1; 2410003I07Rik; tumor endothelial marker 3; tumor endothelial marker 7
UniProt Protein Name	Plexin domain-containing protein 1
UniProt Gene Name	PLXDC1
UniProt Synonym Gene Names	TEM3; TEM7
UniProt Entry Name	PLDX1_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.