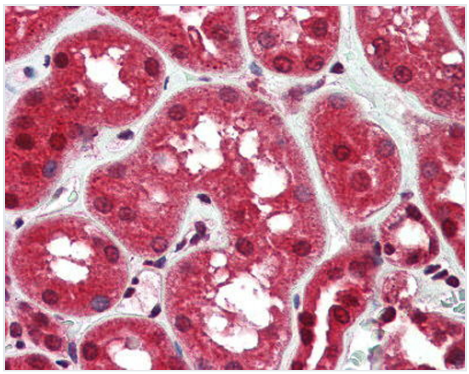
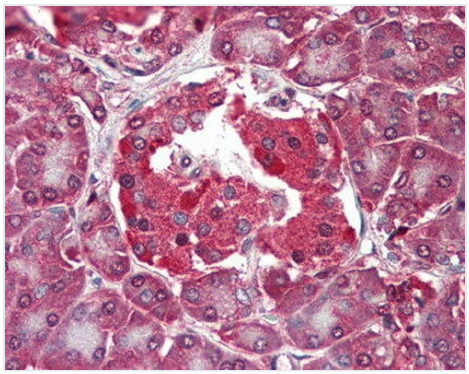
TEM2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

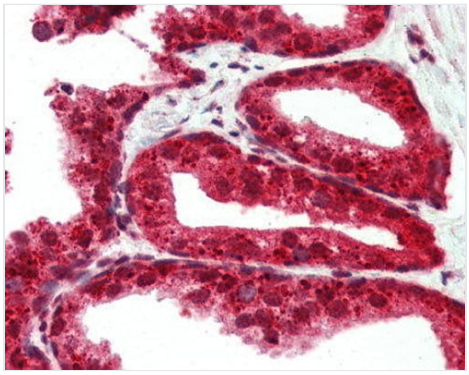
Product Name	TEM2, Polyclonal Antibody
Full Product Name	TEM2, NT (Tumor Endothelial Marker 2, RASD2, GTP-binding Protein Rhes, Ras Homolog Enriched in Striatum)
Product Synonym Names	Anti -TEM2, NT (Tumor Endothelial Marker 2, RASD2, GTP-binding Protein Rhes, Ras Homolog Enriched in Striatum)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, 0.02% sodium azide.
Purity/Purification	Affinity Purified Purified by immunoaffinity chromatography.
Specificity	Recognizes human TEM2. Species sequence homology: Mouse and rat.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	Synthetic peptide corresponding to 16aa from human TEM2 at N-terminal.
Product Categories/Family for anti-TEM2 antibody	Antibodies; Abs to Cancer Markers
Applications Tested/Suitable for anti-TEM2 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-TEM2 antibody	Suitable for use in Western Blot, ELISA and Immunohistochemistry. Dilution: Western Blot: 1-2ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 2.5ug/ml
Related Product Information for anti-TEM2 antibody	GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination.
Other Notes	Small volumes of anti-TEM2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TEM2 purchase	MBS642018 is an antibody targeting TEM2. Also known as TEM2, NT (Tumor Endothelial Marker 2, RASD2, GTP-binding Protein Rhes, Ras Homolog Enriched in Striatum). Reactive in Human. Host: Rabbit.



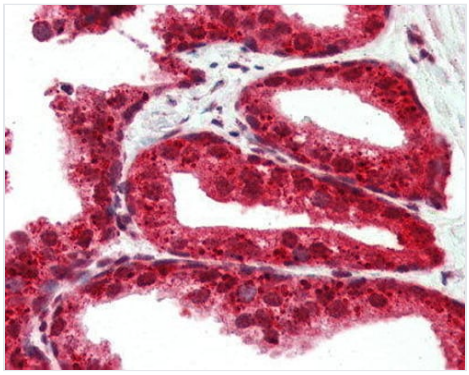
Immunohistochemistry (IHC) of anti-TEM2 antibody
Human Kidney (formalin-fixed, paraffin-embedded) stained with RASD2 antibody at 2.5ug/ml followed by biotinylated goat rabbit IgG secondary antibody alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (IHC) of anti-TEM2 antibody
Human Pancreas (formalin-fixed, paraffin-embedded) stained with RASD2 antibody at 2.5ug/ml followed by biotinylated goat rabbit IgG secondary antibody alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (IHC) of anti-TEM2 antibody
Human Prostate (formalin-fixed, paraffin-embedded) stained with RASD2 antibody at 2.5ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (IHC) of anti-TEM2 antibody
Western blot analysis of TEM2 in rat colon tissue lysate with TEM2 antibody at (A) 1 and (B) 2ug/ml. Below: Immunohistochemistry of TEM2 in human colon tissue with TEM2 antibody at 2.5ug/ml.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TEM2. It may not necessarily be applicable to this product.

NCBI GI #	9857402
NCBI Accession #	AAG00868.1
NCBI Official Full Name	tumor endothelial marker 2
UniProt Comments for TEM2	RASD2: GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination. Belongs to the small GTPase superfamily. RasD family. Protein type: G protein, monomeric; G protein; G protein, monomeric, RasD Chromosomal Location of Human Ortholog: 22q13.1 Cellular Component: plasma membrane Molecular Function: GTPase activity; GTP binding; ubiquitin conjugating enzyme binding; G-protein beta-subunit binding Biological Process: positive regulation of protein sumoylation; positive regulation of protein kinase B signaling cascade; synaptic transmission, dopaminergic; metabolic process; small GTPase mediated signal transduction; negative regulation of protein ubiquitination; locomotory behavior

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