

Rabbit TEM2 Polyclonal Antibody | anti-RASD2 antibody

TEM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39574	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

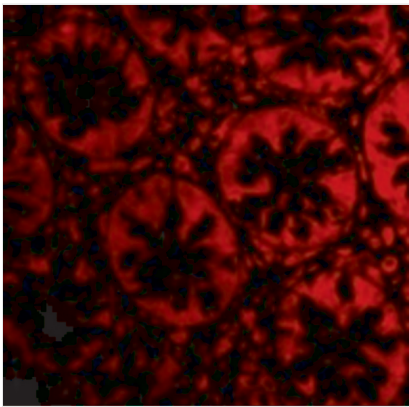
PRODUCT SYNONYMS

TEM2; Polyclonal Antibody; TEM2 Antibody; Rhes; MGC:4834; GTP-binding protein Rhes; Ras homolog enriched in striatum; RASD family; member 2; anti-RASD2 antibody

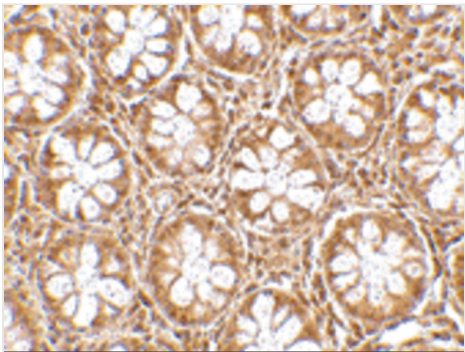
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TEM2 antibody may cross-react with the closely related protein RASD1.
Purity/Purification	TEM2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	266
Applicable Applications for anti-RASD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TEM2 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of the human TEM2.
Buffer	TEM2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TEM2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

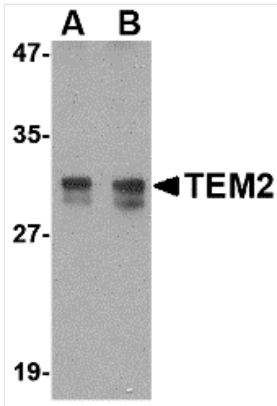
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TEM2 in Human Colon cells with TEM2 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of TEM2 in human colon tissue with TEM2 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of TEM2 in rat colon tissue lysate with TEM2 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-RASD2 antibody

TEM2 Antibody: Rhes, also known as tumor endothelial marker 2 (TEM2), is a small GTP-binding protein that is predominantly expressed in the striatal region of the brain. This protein belongs to the RASD subfamily of Ras-related GTP-binding protein superfamily and is thought to play a role in the normal development and function of the brain as mice lacking this gene showed increased anxiety levels and motor coordination deficits. Rhes was identified as TEM2 through analysis of genes whose expression was upregulated in tumor endothelium. Tumor endothelial markers are significantly up-regulated during angiogenesis and neoangiogenesis that are crucial for the growth of solid tumors. TEMs localized on the cell surface and conserved across species are of particular interest for future development of anti-angiogenic therapies.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21362868
NCBI GeneID	23551
UniProt Accession #	Q96D21; O95520; Q5THY8
Molecular Weight	30,366 Da
NCBI Official Full Name	GTP-binding protein Rhes
NCBI Official Synonym Full Names	RASD family, member 2
NCBI Official Symbol	RASD2
NCBI Official Synonym Symbols	Rhes; TEM2; MGC:4834

NCBI Protein Information	GTP-binding protein Rhes; tumor endothelial marker 2; Ras homolog enriched in striatum
UniProt Protein Name	GTP-binding protein Rhes
UniProt Gene Name	RASD2
UniProt Synonym Gene Names	TEM2
UniProt Entry Name	RHES_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tem2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39574>