

Rabbit anti-Human, Mouse Trophoblast Polyclonal Antibody | anti-TPBG antibody

Polyclonal Antibody to Trophoblast Glycoprotein (TPBG)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141726	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Trophoblast; Polyclonal Antibody; Polyclonal Antibody to Trophoblast Glycoprotein (TPBG); anti-TPBG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TPBG. It has been selected for its ability to recognize TPBG in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-SSPTSSAS SFSSSAPFLA SAVSAQPPLP DQCPALCECS EAARTVKCVN RNLTEVPTDL PAYVRNFLT GNQLAVLPAG AFARRPPLAE LAALNLSGSR LDEVRAFAFE HLPRLRQLDL SHNPLADLSP FAFSGSNASV SAPSPLVELI LNHIVPEDE RQNRSFEGMV VAALLAGRAL QGLRRLELAS NHFLYLPRDV LAQLPSLRHL DLSNNSLVSL TYVSFRNLTH LESLHLEDNA LKVHNGTLA ELQGLPHIRV FLDNNPWVCD CHMADMVTWL KETEVVQGD RLTCAYPEKM RNRVLELNS ADLDCDILP P
Applicable Applications for anti-TPBG antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	TPBG (Ser32~Ser351)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant TPBG (Ser32~Ser351) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 3ug/ml Rabbit Anti-Human TPBG
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	262205665
NCBI GeneID	7162
NCBI Accession #	NP_001159864.1
NCBI GenBank Nucleotide #	NM_001166392.1
UniProt Accession #	Q13641; A8K555
Molecular Weight	46,032 Da
NCBI Official Full Name	trophoblast glycoprotein
NCBI Official Synonym Full Names	trophoblast glycoprotein
NCBI Official Symbol	TPBG
NCBI Official Synonym Symbols	5T4; M6P1; 5T4AG; WAIF1
NCBI Protein Information	trophoblast glycoprotein
UniProt Protein Name	Trophoblast glycoprotein
UniProt Gene Name	TPBG
UniProt Synonym Gene Names	5T4; 5T4 oncotrophoblast glycoprotein; WAIF1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trophoblast-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141726>