

TOB1 Antibody | anti-TOB1 antibody

TOB1 (Phospho-Ser164) Antibody

CATALOG # AAA110579	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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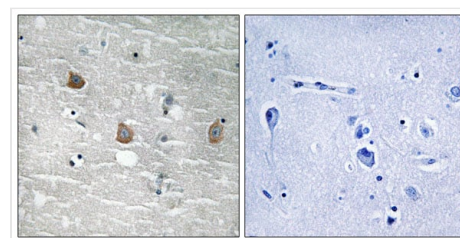
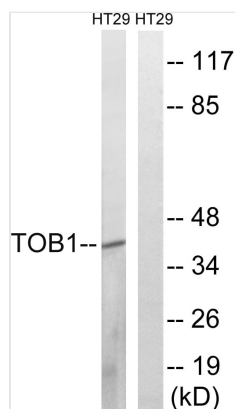
PRODUCT SYNONYMS

TOB1; TOB1 (Phospho-Ser164) Antibody; TOB; Transducer of erbB-2 1; anti-TOB1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	TOB1 (Phospho-Ser164) antibody detects endogenous levels of TOB1 only when phosphorylated at serine 164.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	345
Applicable Applications for anti-TOB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human TOB1 around the phosphorylation site of serine 164 (A-V-SP-P-T).
All Sites	Human: Ser164 Mouse: Ser164 Rat: Ser164
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using TOB1 (Phospho-Ser164) antibody. Western blot analysis of extracts from HT-29 cells, treated with serum (20%, 15mins), using TOB1 (Phospho-Ser164) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TOB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Matsuda S., Oncogene 12:705-713(1996). Ebert L., Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Kalnine N., Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	345197216
NCBI GeneID	10140
NCBI Accession #	NP_001230806.1
NCBI GenBank Nucleotide #	NM_001243877.1
UniProt Accession #	P50616; Q4KMQ0; B2R9T0; D3DTY3
Molecular Weight	38,155 Da
NCBI Official Full Name	protein Tob1 isoform 1
NCBI Official Synonym Full Names	transducer of ERBB2, 1
NCBI Official Symbol	TOB1
NCBI Official Synonym Symbols	TOB; TROB; APRO5; APRO6; PIG49; TROB1
NCBI Protein Information	protein Tob1
UniProt Protein Name	Protein Tob1
UniProt Gene Name	TOB1
UniProt Synonym Gene Names	TOB; TROB1

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/human-mouse-rat-antibody/tob1/110579>