

Rabbit TOR1A Polyclonal Antibody | anti-TOR1A antibody

TOR1A Antibody

CATALOG # AAA169658	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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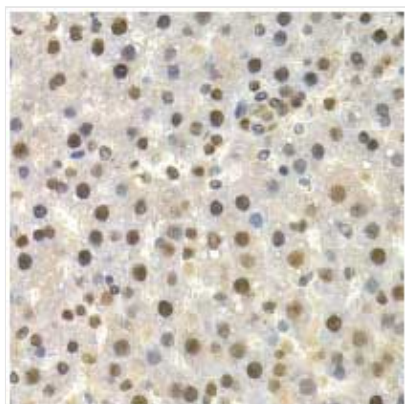
PRODUCT SYNONYMS

TOR1A; Polyclonal Antibody; TOR1A Antibody; DQ2; DYT1; TorsinA; anti-TOR1A antibody

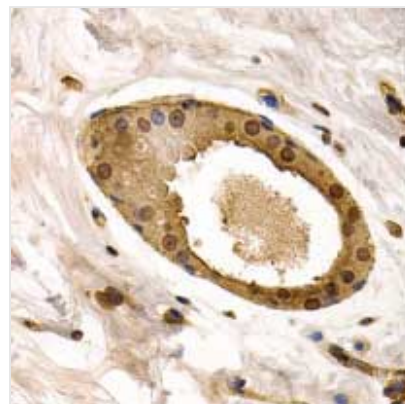
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	332
Applicable Applications for anti-TOR1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TOR1A
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19482 / sc-19483 / sc-33606
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

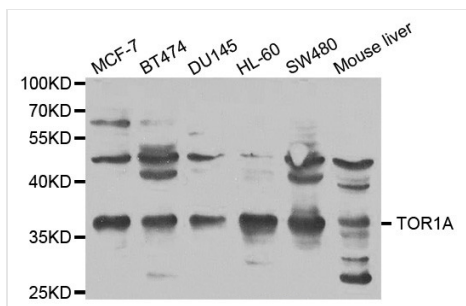
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using TOR1A antibody at dilution of 1:200(400x lens


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human normal breast using TOR1A antibody at dilution of 1:200(400x lens



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TOR1A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TOR1A antibody

The neurological condition Dystonia is associated with sustained muscle contractions and abnormal posturing (1). TorsinA, torsinB, torp2A and torp3A belong to the family of ATPases associated with cellular activities (AAA+) and mutations in torsinA cause early onset dystonia (2). TorsinA has been shown to suppress intracellular protein aggregation in *C. elegans* and possesses chaperon activity. Interestingly, torsinA is highly expressed in dopaminergic neurons and associates with alpha-synuclein in Lewy bodies, which pathologically characterize Parkinson's Disease (3-5).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557541
NCBI GeneID	1861
NCBI Accession #	NP_000104.1
NCBI GenBank Nucleotide #	NM_000113.2
Molecular Weight	22,135 Da
NCBI Official Full Name	torsin-1A
NCBI Official Synonym Full Names	torsin family 1, member A (torsin A)
NCBI Official Symbol	TOR1A
NCBI Official Synonym Symbols	DQ2; DYT1
NCBI Protein Information	torsin-1A; dystonia 1 protein; dystonia 1, torsion (autosomal dominant; torsin A); torsin ATPase 1; torsin ATPase-1A; torsin family 1 member A
UniProt Protein Name	Torsin-1A
UniProt Gene Name	TOR1A
UniProt Synonym Gene Names	DQ2; DYT1; TA; TORA
UniProt Entry Name	TOR1A_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tor1a-antibody-immunohistochemistry-western-blot-elisa/169658>