

Rabbit TOR1A Polyclonal Antibody | anti-TOR1A antibody

TOR1A Polyclonal Antibody

CATALOG # AAA36939	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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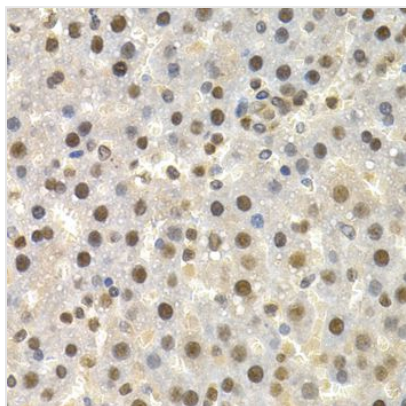
PRODUCT SYNONYMS

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

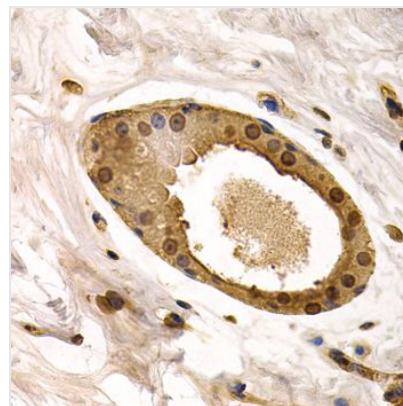
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	332
Applicable Applications for anti-TOR1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TOR1A
Calculated Molecular Weight	38kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

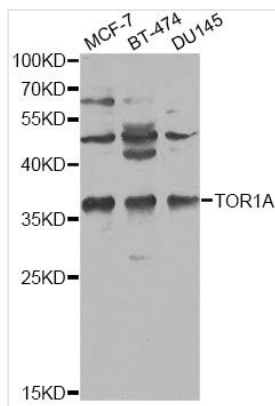
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using TOR1A antibody at dilution of 1:200 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human normal breast using TOR1A antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TOR1A antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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 <i>C. elegans</i> 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).
Product Categories/Family for anti-TOR1A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	13878817
NCBI GeneID	1861
UniProt Accession #	O14656; Q53Y64; Q96CA0; B2RB58
Molecular Weight	332
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; torsin ATPase 1; torsin ATPase-1A; dystonia 1 protein; torsin family 1 member A; dystonia 1, torsion (autosomal dominant; torsin 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.