

Rabbit anti-Human TOR1A Polyclonal Antibody | anti-TOR1A antibody

TOR1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232715	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

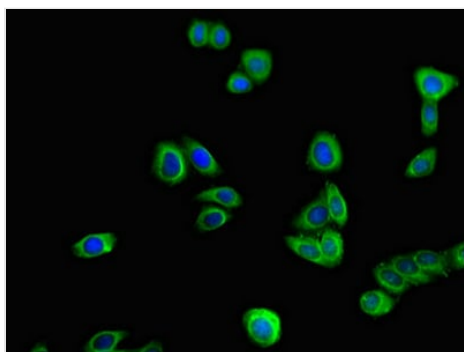
PRODUCT SYNONYMS

TOR1A; Polyclonal Antibody; TOR1A Antibody; Torsin-1A; Dystonia 1 protein; Torsin ATPase-1A (EC: 3.6.4.-); Torsin family 1 member A; DQ2; DYT1; TA; TORA; anti-TOR1A antibody

PRODUCT SPECIFICATIONS

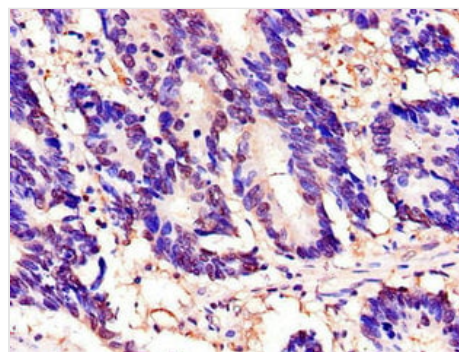
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	332
Applicable Applications for anti-TOR1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Torsin-1A protein (88-125AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19482 / sc-19483 / sc-33606
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232715 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232715 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TOR1A antibody	Protein with chaperone functions important for the control of protein folding, processing, stability and localization as well as for the reduction of misfolded protein aggregates. Involved in the regulation of synaptic vesicle recycling, controls STON2 protein stability in collaboration with the COP9 signalosome complex (CSN). In the nucleus, may link the cytoskeleton with the nuclear envelope, this mechanism seems to be crucial for the control of nuclear polarity, cell movement and, specifically in neurons, nuclear envelope integrity. Participates in the cellular trafficking and may regulate the subcellular location of multipass membrane proteins such as the dopamine transporter SLC6A3, leading to the modulation of dopamine neurotransmission. In the endoplasmic reticulum, plays a role in the quality control of protein folding by increasing clearance of misfolded proteins such as SGCE variants or holding them in an intermediate state for proper refolding. May have a redundant function with TOR1B in non-neural tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557541
NCBI GeneID	1861
NCBI Accession #	NP_000104.1
NCBI GenBank Nucleotide #	NM_000113.2
UniProt Accession #	O14656; Q53Y64; Q96CA0; B2RB58
Molecular Weight	22,135 Da
NCBI Official Full Name	torsin-1A
NCBI Official Synonym Full Names	torsin family 1 member A
NCBI Official Symbol	TOR1A
NCBI Official Synonym Symbols	DQ2; DYT1
NCBI Protein Information	torsin-1A
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://stage.aaabiotech.com/polyclonal/tor1a-antibody-immunofluorescence-immunohistochemistry-elisa/232715>