

Rabbit TOR2A Polyclonal Antibody | anti-TOR2A antibody

TOR2A Antibody (Center)

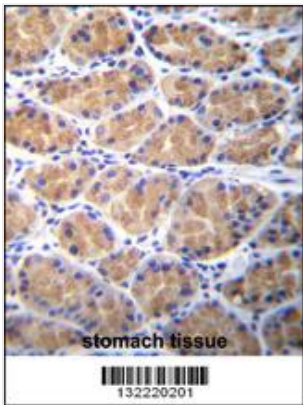
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289974	Rabbit	Human (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

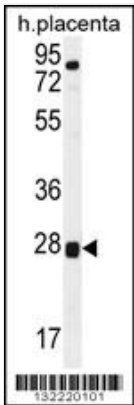
TOR2A; Polyclonal Antibody; TOR2A Antibody (Center); Torsin-2A; Torsin family 2 member A; Torsin-related protein 1; TORP1; anti-TOR2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TOR2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-221 amino acids from the Central region of human TOR2A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	194-221
Sequence Length	242
Applicable Applications for anti-TOR2A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
TOR2A Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TOR2A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
TOR2A Antibody (Center) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the TOR2A antibody detected the TOR2A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TOR2A antibody	Salusins are multifunctional bioactive peptides discovered by bioinformatics analyses of a full-length cDNA library. Salusin alpha and salusin beta are related peptides of 28 and 20 amino acids that were recently characterized. These peptides are considered to be biosynthesized from preprosalusin, an alternative-splicing product of the torsion dystonia-related gene (TOR2A), after frameshift reading and digestion at dibasic amino acids. Salusin alpha has recently been shown to be involved in atherosclerosis; it potently suppresses acyl-CoA:cholesterol acyltransferase-1 which stores cholesterol ester converted from free cholesterol in macrophages, thereby reducing human macrophage foam cell formation.
Product Categories/Family for anti-TOR2A antibody	Cardiovascular; Neuroscience
References	O'Farrell, C.A., et al. Neuroscience 164(3):1127-1137(2009) Sato, K., et al. Peptides 29(12):2203-2207(2008) Watanabe, T., et al. Hypertens. Res. 31(3):463-468(2008) Wang, Z., et al. Eur. J. Pharmacol. 539(3):145-150(2006) Humphray, S.J., et al. Nature 429(6990):369-374(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	145386578
NCBI GeneID	27433
NCBI Accession #	NP_001078816.1; NP_001127902.1; NP_001127903.1; NP_001238947.1; NP_001238950.1; NP_001238952.1; NP_569726.2
NCBI GenBank Nucleotide #	NM_001085347.2
UniProt Accession #	Q5JU69; Q3ZCN9; Q3ZCP0; Q5JU68; Q66K87; Q6UXW6; Q8NAN5; Q96SL7; A4FU12; A4FU13; Q8N2E6
Molecular Weight	35714
NCBI Official Full Name	prosalusin isoform a
NCBI Official Synonym Full Names	torsin family 2, member A
NCBI Official Symbol	TOR2A
NCBI Official Synonym Symbols	TORP1
NCBI Protein Information	prosalusin

UniProt Protein Name	Torsin-2A
UniProt Gene Name	TOR2A
UniProt Synonym Gene Names	TORP1
UniProt Entry Name	TOR2A_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/tor2a-antibody-immunohistochemistry-western-blot-elisa/289974>