

Rabbit START domain containing 7 Polyclonal Antibody | anti-STARD7 antibody

START domain containing 7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329027	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%)	ELISA

PRODUCT SYNONYMS

START domain containing 7; Polyclonal Antibody; START domain containing 7 Antibody; Gestational trophoblastic tumor protein 1; GTT1; Hypothetical protein STARD7; Protein GTT1; StAR related lipid transfer protein 7; StAR related lipid transfer protein 7 mitochondrial; StAR-related lipid transfer protein 7; mitochondrial; STARD7; START domain containing protein 7; START domain-containing protein 7; anti-STARD7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	START domain containing 7 Antibody detects endogenous levels of total START domain containing 7.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	370
Applicable Applications for anti-STARD7 antibody	ELISA
Immunogen	A synthesized peptide derived from human START domain containing 7, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329027 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329027 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from 3T3, using START domain containing 7 Antibody. The lane on the left was treated with blocking peptide. Observed bands: 32 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-STARD7 antibody	Function: May play a protective role in mucosal tissues by preventing exaggerated allergic responses.
	Subcellular Location: Mitochondrion.
	Tissue Specificity: Expressed in nasal epithelial cells. Down-regulated in nasal epithelial cells in patients experiencing an asthma exacerbation as compared to stable asthmatics and healthy controls.

NCBI AND UNIPROT INFORMATION

NCBI GI #	151301035
NCBI GeneID	56910
NCBI Accession #	NP_064536
NCBI GenBank Nucleotide #	NP_064536.2
UniProt Accession #	Q9NQZ5
Molecular Weight	Observed Molecular Weight: (Observed)43kD, 32kD. Predicted Molecular Weight: (Calculated)43kDa.
NCBI Official Full Name	stAR-related lipid transfer protein 7, mitochondrial
NCBI Official Synonym Full Names	StAR related lipid transfer domain containing 7
NCBI Official Symbol	STARD7
NCBI Official Synonym Symbols	GTT1; FAME2
NCBI Protein Information	stAR-related lipid transfer protein 7, mitochondrial
UniProt Protein Name	StAR-related lipid transfer protein 7, mitochondrial
UniProt Gene Name	STARD7
UniProt Synonym Gene Names	GTT1; STARD7
UniProt Entry Name	STAR7_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/start-domain-containing-7-antibody-elisa/329027>