

Rabbit anti-Human TYRO3 Polyclonal Antibody | anti-TYRO3 antibody

TYRO3 Antibody

CATALOG # AAA232721	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

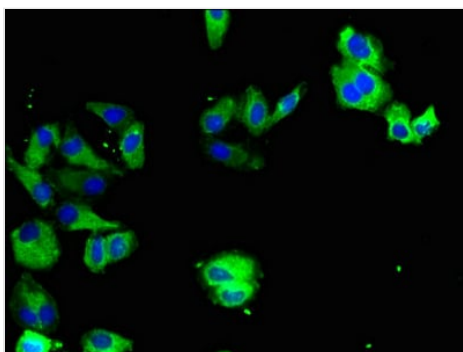
PRODUCT SYNONYMS

TYRO3; Polyclonal Antibody; TYRO3 Antibody; Tyrosine-protein kinase receptor TYRO3; Tyrosine-protein kinase BYK; Tyrosine-protein kinase DTK; Tyrosine-protein kinase RSE; Tyrosine-protein kinase SKY; Tyrosine-protein kinase TIF; BYK; DTK; RSE; SKY; TIF; anti-TYRO3 antibody

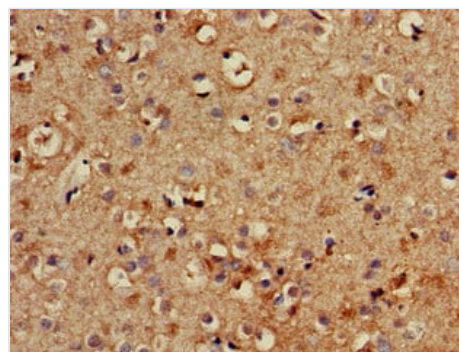
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	845
Applicable Applications for anti-TYRO3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Tyrosine-protein kinase receptor TYRO3 protein (728-873AA)
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-1094 / sc-1095 / sc-20742
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

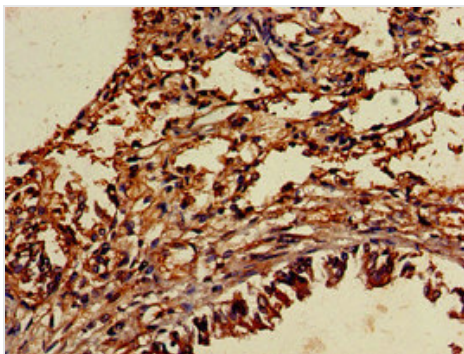
IMAGES


IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA232721 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 brain tissue using AAA232721 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung tissue using AAA232721 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TYRO3 antibody	Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to several ligands including TULP1 or GAS6. Regulates many physiological processes including cell survival, migration and differentiation. Ligand binding at the cell surface induces dimerization and autophosphorylation of TYRO3 on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by ligand, interacts with PIK3R1 and thereby enhances PI3-kinase activity. Activates the AKT survival pathway, including nuclear translocation of NF-kappa-B and up-regulation of transcription of NF-kappa-B-regulated genes. TYRO3 signaling plays a role in various processes such as neuron protection from excitotoxic injury, platelet aggregation and cytoskeleton reorganization. Plays also an important role in inhibition of Toll-like receptors (TLRs)-mediated innate immune response by activating STAT1, which selectively induces production of suppressors of cytokine signaling SOCS1 and SOCS3.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1057486700
NCBI GeneID	7301
NCBI Accession #	NP_001317193.1
NCBI GenBank Nucleotide #	NM_001330264.1
UniProt Accession #	Q06418; O14953; Q86VR3
Molecular Weight	96,905 Da
NCBI Official Full Name	tyrosine-protein kinase receptor TYRO3 isoform 2
NCBI Official Synonym Full Names	TYRO3 protein tyrosine kinase
NCBI Official Symbol	TYRO3
NCBI Official Synonym Symbols	BYK; Dtk; RSE; Rek; Sky; Tif; Etk-2
NCBI Protein Information	tyrosine-protein kinase receptor TYRO3
UniProt Protein Name	Tyrosine-protein kinase receptor TYRO3
UniProt Gene Name	TYRO3
UniProt Synonym Gene Names	BYK; DTK; RSE; SKY; TIF
UniProt Entry Name	TYRO3_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.