

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

TYRO3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288723	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

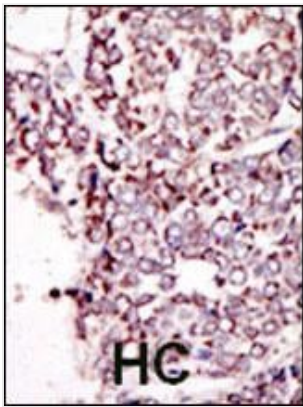
PRODUCT SYNONYMS

TYRO3; Polyclonal Antibody; TYRO3 Antibody (C-term); 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

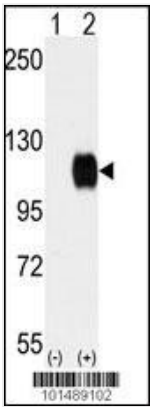
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TYRO3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 842-873 amino acids from the C-terminal region of human TYRO3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	842-873
Sequence Length	890
Applicable Applications for anti-TYRO3 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.

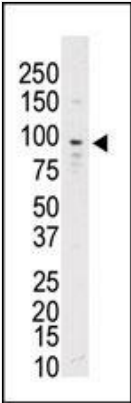
IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of SKY (arrow) using rabbit polyclonal SKY Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SKY gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of anti-SKY Pab in mouse brain lysate. SKY (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-TYRO3 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.
Product Categories/Family for anti-TYRO3 antibody	Cell Biology; Immunology; Neuroscience; Signal Transduction
References	Dai, W., et al., Oncogene 9(3):975-979 (1994). Richard, I., et al., Genomics 23(3):619-627 (1994). Mark, M.R., et al., J. Biol. Chem. 269(14):10720-10728 (1994). Crosier, K.E., et al., Growth Factors 11(2):137-144 (1994). Ohashi, K., et al., Oncogene 9(3):699-705 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	27597078
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NCBI GeneID	7301
NCBI Accession #	NP_006284.2
NCBI GenBank Nucleotide #	NM_006293.3
UniProt Accession #	Q06418; O14953; Q86VR3
Molecular Weight	96905
NCBI Official Full Name	tyrosine-protein kinase receptor TYRO3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tyro3-antibody-immunohistochemistry-western-blot-elisa/288723>