

Datasheet for ABIN356409

anti-TYRO3 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	TYRO3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TYRO3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from mouse immunized with human recombinant TYRO3protein.
Clone:	64CT15-6-2-3-1
Specificity:	This antibody is specific to TYRO3.
Characteristics:	Synonyms: BYK, DTK, RSE, SKY, Tyrosine-protein kinase receptor TYRO3
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	TYRO3
Alternative Name:	TYRO3 (TYRO3 Products)

Target Details

Background:	Tyrosine kinase 3, mainly expressed in brain, is involved in the protection of neurons from apoptosis. 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. Synonyms: BYK, DTK, RSE, SKY, Tyrosine-protein kinase receptor TYRO3
Gene ID:	7301
UniProt:	Q06418
Pathways:	RTK Signaling

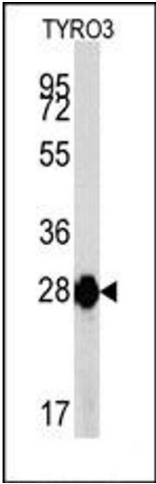
Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100-1/1000. Immunohistochemistry 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

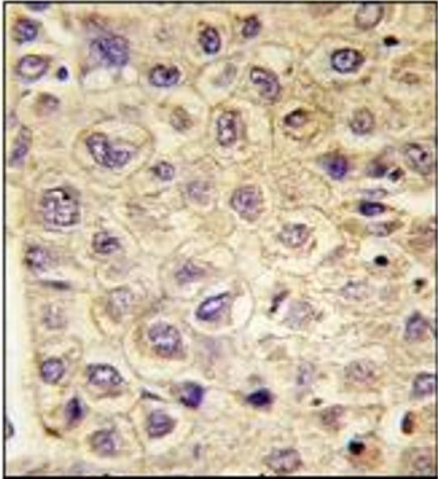
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months



Western Blotting

Image 1.



Immunohistochemistry

Image 2.