



[Go to Product page](#)

Datasheet for ABIN6242617

anti-TYRO3 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	TYRO3
Binding Specificity:	AA 854-878, C-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYRO3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TYRO3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 854-878 amino acids from the C-terminal region of human TYRO3.
Clone:	RB50580
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TYRO3
Alternative Name:	TYRO3 (TYRO3 Products)
Background:	Receptor tyrosine kinase that transduces signals from the extracellular matrix into the

Target Details

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.

Molecular Weight: 96905

UniProt: [Q06418](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: WB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

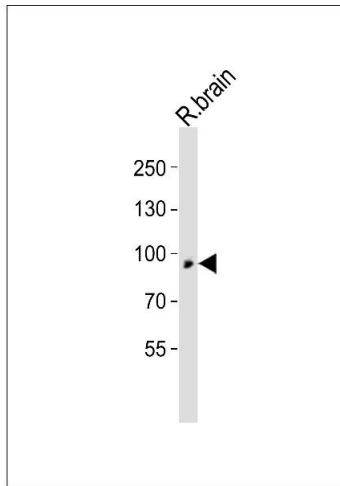
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysate from rat brain tissue lysate, using TYRO3 Antibody (C-term) (ABIN6242617 and ABIN6577754). (ABIN6242617 and ABIN6577754) was diluted at 1:500. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.