

TYRO3 Rabbit mAb
Catalog # AP78715**Specification**

TYRO3 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q06418
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	96905

TYRO3 Rabbit mAb - Additional Information**Gene ID** 7301**Other Names**

TYRO3

Dilution

WB~~1/500-1/1000

Format

Liquid

TYRO3 Rabbit mAb - Protein Information**Name** TYRO3**Synonyms** BYK, DTK, RSE, SKY, TIF**Function**

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. Also plays 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.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Abundant in the brain and lower levels in other tissues

TYRO3 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TYRO3 Rabbit mAb - Images

