

Tyro3 Antibody

Catalog_no :	AB3147
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This Tyro3 antibody is generated from a mouse immunized with a recombinant protein.
Dilution :	WB,1:2000;
Other_name :	Tyrosine-protein kinase receptor TYRO3, Etk2/tyro3, TK19-2, Tyrosine-protein kinase DTK, Tyrosine-protein kinase RSE, Tyrosine-protein kinase TIF, Tyro3, Dtk, Rse, Tif
Isotype :	IgG1,k
Background :	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.
reference :	Mark M.R.,et al.J. Biol. Chem. 269:10720-10728(1994). Crosier P.S.,et al.Growth Factors 11:125-136(1994). Lai C.,et al.Oncogene 9:2567-2578(1994). Fujimoto J.,et al.Oncogene 9:693-698(1994). Ohashi K.,et al.Oncogene 9:699-705(1994).