

TYRO3 Polyclonal Antibody

Catalog NumberPA5-23244

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	0.25-1 µg/mL
Immunogen	Synthetic peptide (494 TLDSLGISDELKEKLEDV 511) of TYRO3 protein.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Background/Target Information

TYRO3 (tyrosine-protein kinase receptor TYRO3) is a receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to several ligands including TULP1 or GAS6. It 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 a ligand, TYRO3 plays a role in various processes such as neuron protection from excitotoxic injury, platelet aggregation, and cytoskeleton reorganization.

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