

**Anti-Human/Mouse/Rat Phospho-MERTK/TYRO3 (Tyr749/681) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01831**

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3th Edition

**Description:**MERTK (MER Proto-Oncogene, Tyrosine Kinase) is a Protein Coding gene. Diseases associated with MERTK include Retinitis Pigmentosa 38 and Mertk-Related Retinitis Pigmentosa. Among its related pathways are GPCR Pathway and Nanog in Mammalian ESC Pluripotency. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is AXL. TYRO3 (TYRO3 Protein Tyrosine Kinase) is a Protein Coding gene. Diseases associated with TYRO3 include External Ear Carcinoma and Lymphocytic Choriomeningitis. Among its related pathways are GPCR Pathway and Nanog in Mammalian ESC Pluripotency. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is AXL.

**Antigen:**Synthesized peptide derived from human MerTK/Tyro3 around the phosphorylation site of Tyr749/681

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**MERTK is Not expressed in normal B- and T-lymphocytes but is expressed in numerous neoplastic B- and T-cell lines. Highly expressed in testis, ovary, prostate, lung, and kidney, with lower expression in spleen, small intestine, colon, and liver.TYRO3 isAbundant in the brain and lower levels in other tissues.