

For Research Use Only

TYRO3 Recombinant antibody

Catalog Number: 86404-3-RR



Basic Information

Catalog Number:

86404-3-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2918

GenBank Accession Number:

NM_019392.2

GeneID (NCBI):

22174

UNIPROT ID:

P55144-1

Full Name:

TYRO3 protein tyrosine kinase 3

Calculated MW:

96 kDa

Observed MW:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

250330B12

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

Background Information

TYRO3 has a structure includes a cytoplasmic domain and an extracellular ligand binding region. And ligand binding at the cell surface induces dimerization and autophosphorylation of TYRO3 on its intracellular domain that provides docking sites for downstream signaling molecules. TYRO3 is associated with many physiological processes including cell survival, migration and differentiation. It has been reported that TYRO3 can be expressed in various regions of the mammalian central nervous system. The molecular mass of TYRO3 is 130 kDa, the apparent molecular mass is higher due to glycosylation. (PMID: 8873131, 23354874, 21539887)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

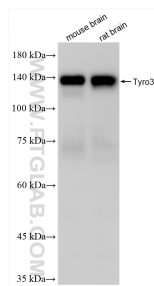
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86404-3-RR (Tyro3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.