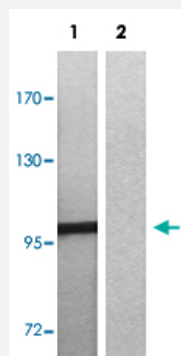


MERTK/TYRO3 (phospho Y749/681) polyclonal antibody

Catalog # PAB29209

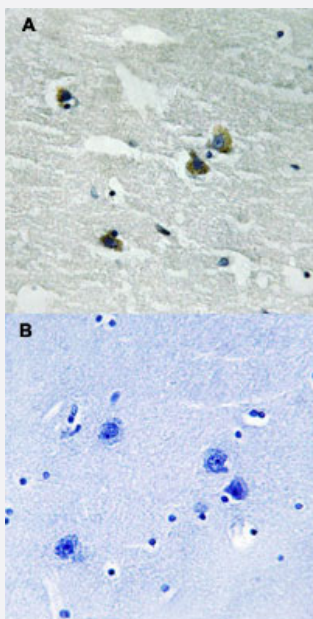
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: EGF treated 3T3 cells, Lane 2: antigen-specific peptide treated 3T3 cells with MERTK/TYRO3 (phospho Y749/681) polyclonal antibody (Cat # PAB29209) at 1:500-1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human by MERTK/TYRO3 (phospho Y749/681) polyclonal antibody (Cat # PAB29209) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:500-1000 dilution.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of human MERTK/TYRO3.

Immunogen

Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding Y749/681 of human MERTK/TYRO3.

Host	Rabbit
Theoretical MW (kDa)	97
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of MER/TYRO3 only when phosphorylated at tyrosine 749/681.
Form	Liquid
Purification	Affinity purification
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (without Mg ²⁺ and Ca ²⁺), (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: EGF treated 3T3 cells, Lane 2: antigen-specific peptide treated 3T3 cells with MERTK/TYRO3 (phospho Y749/681) polyclonal antibody (Cat # PAB29209) at 1:500-1000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human by MERTK/TYRO3 (phospho Y749/681) polyclonal antibody (Cat # PAB29209) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:500-1000 dilution.

Gene Info — TYRO3

Entrez GeneID	7301
Protein Accession#	Q12866;Q06418
Gene Name	TYRO3
Gene Alias	BYK, Brt, Dtk, FLJ16467, RSE, Sky, Tif
Gene Description	TYRO3 protein tyrosine kinase
Omim ID	600341

Gene Ontology

[Hyperlink](#)

Other Designations

Tyro3 protein tyrosine kinase (sea-related receptor tyrosine kinase)|tyrosine-protein kinase recept or TYRO3

Gene Info — MERTK

Entrez GeneID

[10461](#)

Protein Accession#

[Q12866;Q06418](#)

Gene Name

MERTK

Gene Alias

MER, MGC133349, RP38, c-mer

Gene Description

c-mer proto-oncogene tyrosine kinase

Omim ID

[268000 604705](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP). [provided by RefSeq]

Other Designations

MER receptor tyrosine kinase|STK kinase

Disease

- [Carotid Artery Diseases](#)
- [Carotid Artery Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Leukopenia](#)
- [Lupus Erythematosus](#)
- [Lymphopenia](#)

- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)
- [Stroke](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)