

产品名称: MerTK/Tyro3 (phospho Tyr749/681) Rabbit Polyclonal Antibody
产品货号: APRab05015



产品概述 (Summary)

产品名称 (Production Name)	MerTK/Tyro3 (phospho Tyr749/681) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MERTK/TYRO3
别名 (Alternative Names)	MERTK; MER; Tyrosine-protein kinase Mer; Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK; TYRO3; BYK; DTK; RSE; SKY; Tyrosine-protein kinase receptor TYRO3; Tyrosine-protein kinase DTK; Tyrosine-protein kinase RSE; Tyrosine-protein kin
基因 ID (Gene ID)	10461/7301
蛋白 ID (SwissProt ID)	Q12866/Q06418.The antiserum was produced against synthesized peptide derived from human MER/SKY around the phosphorylation site of Tyr749/681. AA range:716-765

产品应用 (Application)

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稀释比 (Dilution Ratio)

WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000

蛋白分子量 (Molecular Weight)

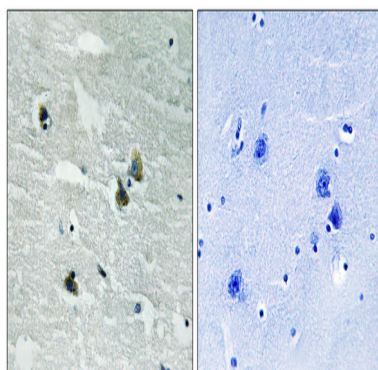
97kDa

研究背景 (Background)

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, Jul 2008],catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,disease:Defects in MERTK are a cause of retinitis pigmentosa (RP) [MIM:268000]. RP that leads to degeneration of retinal photoreceptor cells. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well.,function:In case of filovirus infection, seems to function as a cell entry factor.,online information:Retina International's Scientific Newsletter,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Not expressed in normal B- and T-lymphocytes but is expressed in numerous neoplastic B- and T-cell lines.,

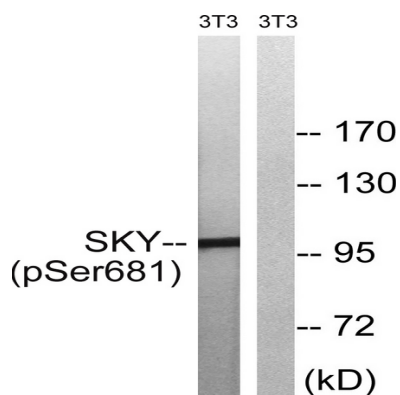
研究领域 (Research Area)

图片 (Image Data)

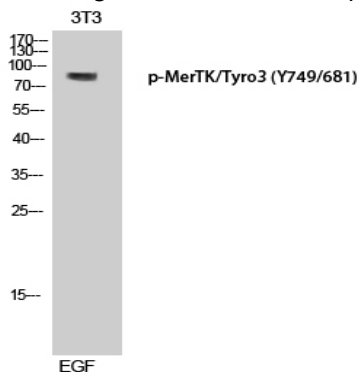


Immunohistochemistry analysis of paraffin-embedded human brain, using MER/SKY (Phospho-Tyr749/681) Antibody. The picture on the right is blocked with the phospho peptide.

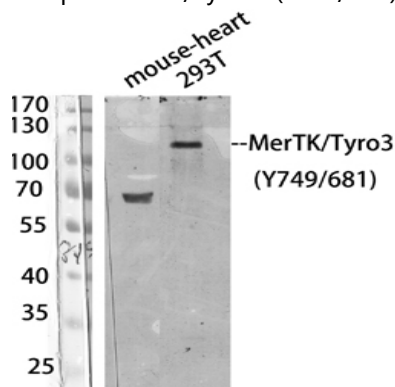
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Western blot analysis of lysates from NIH/3T3 cells treated with EGF 200ng/ml 5', using MER/SKY (Phospho-Tyr749/681) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of 3T3 cells using Phospho-MerTK/Tyro3 (Y749/681) Polyclonal Antibody diluted at 1: 500



Western Blot analysis of 293T/mouse-heart using Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .