Product Datasheet

MER/SKY (Phospho-Tyr749/681) Antibody

Catalog No: #11740

Package Size: #11740-1 50ul #11740-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

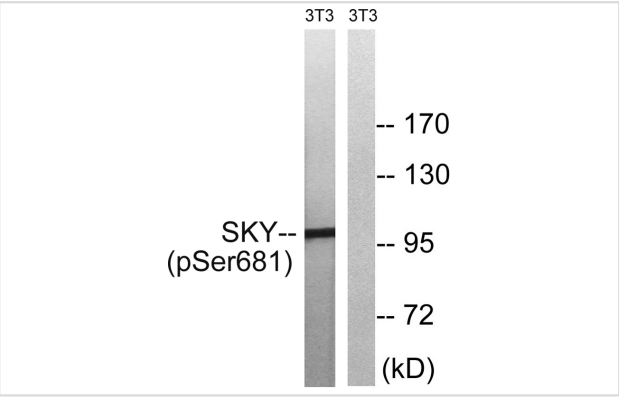
Product Name	MER/SKY (Phospho-Tyr749/681) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat, Chicken, Zebrafish
Specificity	The antibody detects endogenous levels of MER/SKY only when phosphorylated at tyrosine 749/681.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 749/681(K-I-Y(p)-S-G) derived from Human MER/SKY .
Target Name	MER/SKY
Modification	Phospho
Other Names	C-mer; MERK; MERTK;
Accession No.	Swiss-Prot#: Q12866/Q06418; NCBI Gene#: 10461/7301; NCBI Protein#: NP_006334.2.
SDS-PAGE MW	97kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

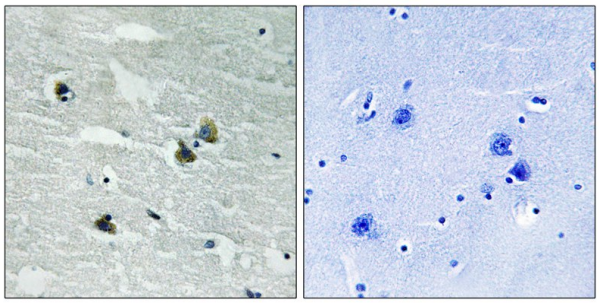
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 3T3 cells treated with EGF using MER/SKY (Phospho-Tyr749/681) Antibody #11740.The lane on the right is treated with the antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using MER/SKY (Phospho-Tyr749/681) antibody #11740 (left)or the same antibody preincubated with blocking peptide (right).

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).

Graham D.K., Cell Growth Differ. 5:647-657(1994).

Gal A., Nat. Genet. 26:270-271(2000).

Hillier L.W., Nature 434:724-731(2005).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.