FRS2 (Phospho-Tyr436) Antibody

Catalog No: #11769

Package Size: #11769-1 50ul #11769-2 100ul

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

Description

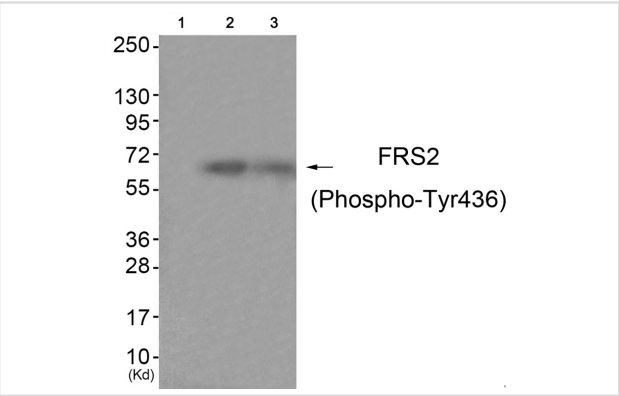
Product Name	FRS2 (Phospho-Tyr436) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of FRS2 only when phosphorylated at tyrosine 436.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 436(L-N-Y(p)-I-Q) derived from Human FRS2 .
Target Name	FRS2
Modification	Phospho
Other Names	SNT-1; SNT2; FGFR signalling adaptor;
Accession No.	Swiss-Prot#: Q8WU20; NCBI Gene#: 10818; NCBI Protein#: NP_001036020.1.
Uniprot	Q8WU20
GeneID	10818;
SDS-PAGE MW	65kd
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

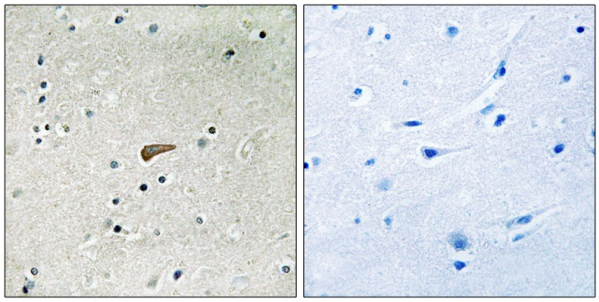
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HuvEc cells (Lane 2) and JK cells (Lane 3), using FRS2 (Phospho-Tyr436) Antibody #11769. The lane on the left is treated with antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using FRS2 (Phospho-Tyr436) antibody #11769 (left)or the same antibody preincubated with blocking peptide (right).

Background

FRS2 is an adaptor protein involved in fibroblast growth factor receptor (FGFR) signaling. Plays an important role in linking FGFR and nerve growth factor receptors with Ras/MAPK signaling pathways.

Xu H., J. Biol. Chem. 273:17987-17990(1998).

Meakin S.O., J. Biol. Chem. 274:9861-9870(1999).

Dhalluin C., Mol. Cell 6:921-929(2000).

Note: This product is for in vitro research use only