

TNR16 Antibody

Catalog No: #33659

Package Size: #33659-1 50ul #33659-2 100ul

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

Description

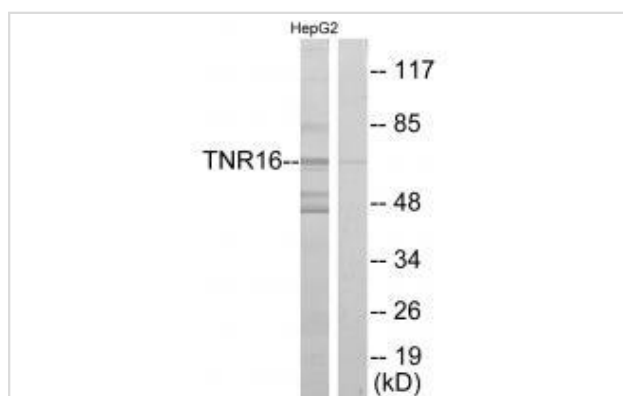
Product Name	TNR16 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total TNR16 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human TNR16.
Target Name	TNR16
Other Names	Gp80-LNGFR; NGF receptor; TNFRSF16; TNR16; low affinity neurotrophin receptor p75NTR
Accession No.	Swiss-Prot: P08138NCBI Gene ID: 4804
Uniprot	P08138
GeneID	4804;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

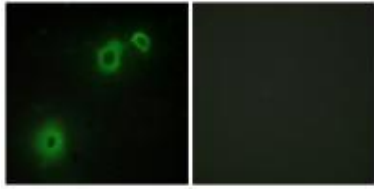
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from HepG2 cells, using TNR16 antibody #33659.

Immunofluorescence analysis of A549 cells, using TNR16 antibody #33659.



Background

Plays a role in the regulation of the translocation of GLUT4 to the cell surface in adipocytes and skeletal muscle cells in response to insulin, probably by regulating RAB31 activity, and thereby contributes to the regulation of insulin-dependent glucose uptake. By similarity. Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells. Necessary for the circadian oscillation of the clock genes ARNTL/BMAL1, PER1, PER2 and NR1D1 in the suprachiasmatic nucleus (SCN) of the brain and in liver and of the genes involved in glucose and lipid metabolism in the liver.

Ye X., J. Biol. Chem. 274:30202-30208(1999).

Wooten M.W., J. Biol. Chem. 276:7709-7712(2001).

Bai D., Biochem. Biophys. Res. Commun. 309:552-557(2003).

Note: This product is for in vitro research use only