Ataxin 1 (Phospho-Ser776) Antibody

Catalog No: #12034

Package Size: #12034-1 50ul #12034-2 100ul

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

Description

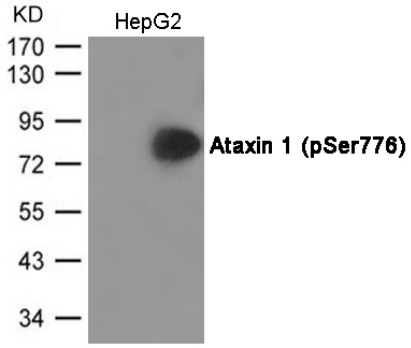
Product Name	Ataxin 1 (Phospho-Ser776) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of Ataxin 1 only when phosphorylated at Serine 776.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 776 (R-W-S(p)-A-P) derived from Human Ataxin 1.
Target Name	Ataxin 1
Modification	Phospho
Other Names	ATX1, D6S504E, SCA1
Accession No.	Swiss-Prot#: P54253; NCBI Gene#: 6310; NCBI Protein#: NP_000323.2
Uniprot	P54253
GeneID	6310;
SDS-PAGE MW	87kd
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

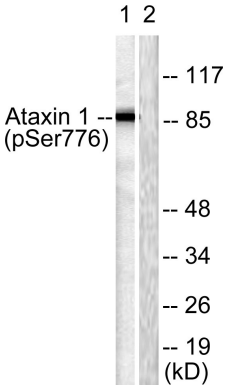
Predicted MW: 87kd

Western blotting: 1:500~1:1000

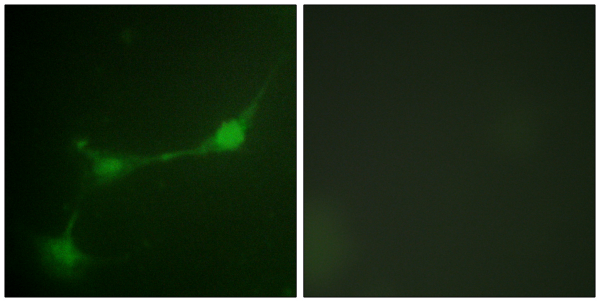
Images



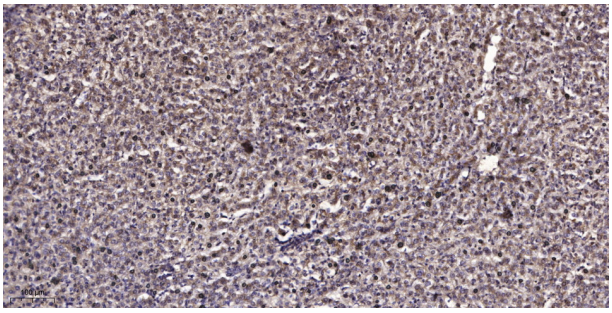
Western blot analysis of extracts from HepG2 cells using Ataxin 1 (Phospho-Ser776) Antibody #12034.The lane on the left is treated with the antigen-specific peptide.



Western blot analysis of lysates from HepG2 cells treated with Adriamycin 0.5uM 5h, using Ataxin 1 (Phospho-Ser776) Antibody. The lane on the right is blocked with the phospho peptide.



Immunofluorescence analysis of NIH/3T3 cells, using Ataxin 1 (Phospho-Ser776) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Background

Chromatin-binding factor that repress Notch signaling in the absence of Notch intracellular domain by acting as a CBF1 corepressor. Binds to the HEY promoter and might assist, along with NCOR2, RBPJ-mediated repression. Binds RNA in vitro. May be involved in RNA metabolism. The expansion of the polyglutamine tract may alter this function.

Note: This product is for in vitro research use only