Product Datasheet

WFS1 antibody

Catalog No: #38285

Package Size: #38285-1 50ul #38285-2 100ul

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

Description

Product Name	WFS1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total WFS1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human WFS1 (NP_001139325.1).
Target Name	WFS1
Other Names	WFS1;CTRCT41;WFRS;WFS;WFSL;wolframin
Accession No.	Uniprot:O76024GeneID:7466
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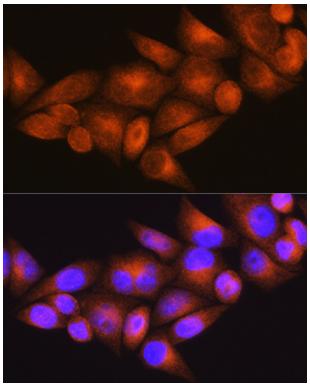
GeneID	7466
SDS-PAGE MW	110kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

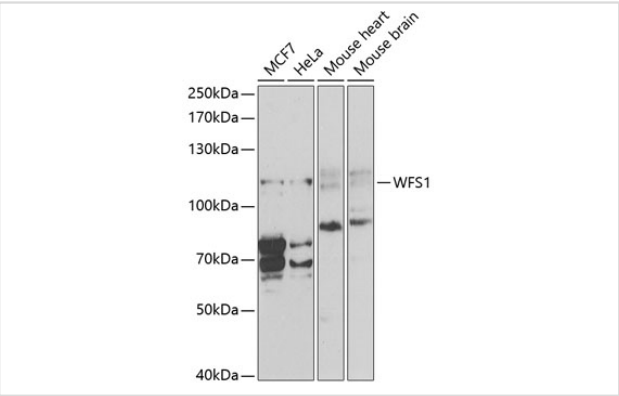
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

Images



Immunofluorescence analysis of HeLa cells using WFS1 Rabbit pAb.



Western blot analysis of extracts of various cell lines, using WFS1 antibody.

Background

This gene encodes a transmembrane protein, which is located primarily in the endoplasmic reticulum and ubiquitously expressed with highest levels in brain, pancreas, heart, and insulinoma beta-cell lines. Mutations in this gene are associated with Wolfram syndrome, also called DIDMOAD (Diabetes Insipidus, Diabetes Mellitus, Optic Atrophy, and Deafness), an autosomal recessive disorder. The disease affects the brain and central nervous system. Mutations in this gene can also cause autosomal dominant deafness 6 (DFNA6), also known as DFNA14 or DFNA38. Alternatively spliced transcript variants have been found for this gene.

Note: This product is for in vitro research use only