

Rabbit WFS1 Polyclonal Antibody | anti-WFS1 antibody

Anti-WFS1 Antibody (aa183-232) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162219	Rabbit	Mouse, Rat, Human	ELISA, Western Blot, Immunohistochemistry

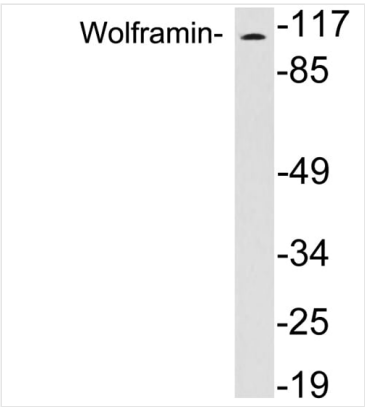
PRODUCT SYNONYMS

WFS1; Polyclonal Antibody; Anti-WFS1 Antibody (aa183-232) IHC-plus; Rabbit Polyclonal (IgG) to Human WFS1; Human WFS1; DIDMOAD; DFNA14; DFNA6; Wolframin; WFS; WFSL; Wolfram syndrome 1 (wolframin); DFNA38; WFRS; Wolfram Syndrome 1; anti-WFS1 antibody

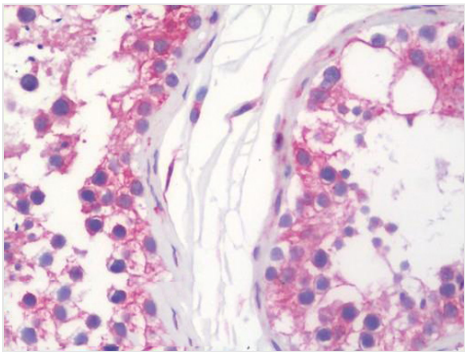
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Wolframin antibody detects endogenous levels of Wolframin.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	890
Applicable Applications for anti-WFS1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	WFS1 antibody was raised against synthetic peptide from human Wolframin (aa183-232).
Immunogen Description	Synthetic peptide from human Wolframin (aa183-232).
Antigen Modification	aa183-232
Target Species	Human
Preparation and Storage	Store at -20 degree C.

IMAGES



WB (Western Blot)
Western blot of extracts from brain tissue, using Wolframin antibody.



IHC (Immunohistochemistry)
Anti-WFS1 antibody IHC staining of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-WFS1 antibody	WFS1 Antibody, DIDMOAD Antibody, DFNA14 Antibody, DFNA6 Antibody, Wolframin Antibody, WFS Antibody, WFSL Antibody, Wolfram syndrome 1 (wolframin) Antibody, DFNA38 Antibody, WFRS Antibody, Wolfram Syndrome 1 Antibody Description: WFS1 is 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224994203
NCBI GeneID	7466
NCBI Accession #	NP_005996.2
NCBI GenBank Nucleotide #	NM_006005.3
UniProt Accession #	O76024; Q8N6I3; Q9UNW6; B2R797; D3DVT1
Molecular Weight	100,292 Da
NCBI Official Full Name	wolframin
NCBI Official Synonym Full Names	Wolfram syndrome 1 (wolframin)
NCBI Official Symbol	WFS1
NCBI Official Synonym Symbols	WFS; WFRS; WFSL; CTRCT41
NCBI Protein Information	wolframin
UniProt Protein Name	Wolframin
UniProt Gene Name	WFS1
UniProt Entry Name	WFS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.