

Rabbit SFPQ Polyclonal Antibody | anti-SFPQ antibody

SFPQ antibody - N-terminal region

CATALOG # AAA198706	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

SFPQ; Polyclonal Antibody; SFPQ antibody - N-terminal region; anti-SFPQ antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: VP GPGPGPKQGP GPGGPKGGKM PGGPKPGGGP GLSTPGGHPK PPHRGGE
Sequence Length	707
Applicable Applications for anti-SFPQ antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 79%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SFPQ
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



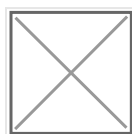
WB (Western Blot)

WB Suggested Anti-SFPQ Antibody Titration: 1.25ug/ml
ELISA Titer: 1:12500
Positive Control: HepG2 cell lysate. SFPQ is strongly supported by BioGPS gene expression data to be expressed in HepG2



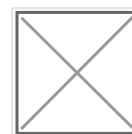
WB (Western Blot)

Lanes: Lane 1: 50ug HeLa Lysate
Primary Antibody Dilution: 1:1000
Secondary Antibody: Anti-rabbit-HRP
Secondary Antibody Dilution: 1:10,000
Gene Name: SFPQ
Submitted by: Archa Fox, University of Western Australia
SFPQ is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



IHC (Immunohistochemistry)

Rabbit Anti-SFPQ Antibody
Paraffin Embedded Tissue: Human Skin
Cellular Data: Squamous epithelial cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IHC (Immunohistochemistry)

Rabbit Anti-SFPQ Antibody
Paraffin Embedded Tissue: Human Intestine
Cellular Data: Epithelial cells of intestinal villas
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IHC (Immunohistochemistry)

Rabbit Anti-SFPQ antibodyParaffin Embedded Tissue: Human Heart cell Cellular Data:
cardiac cell of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-SFPQ antibody	This is a rabbit polyclonal antibody against SFPQ. It was validated on Western Blot and immunohistochemistry Target Description: SFPQ is DNA- and RNA binding protein. It is essential pre-mRNA splicing factor required early in spliceosome formation and for splicing catalytic step II, probably as an heteromer with NONO. It binds to pre-mRNA in spliceosome C complex, and specifically binds to intronic polypyrimidine tracts. It interacts with U5 snRNA. It may be involved in a pre-mRNA coupled splicing and polyadenylation process as component of a snRNP-free complex with SNRPA/U1A. SFPQ may be involved in homologous DNA pairing. SFPQ is involved in transcriptional regulation. It binds the DNA sequence 5'-CTGAGTC-3' in the insulin-like growth factor response element (IGFRE) and inhibits IGF-I-stimulated transcriptional activity.
Product Categories/Family for anti-SFPQ antibody	Polyclonal; RNA Binding Proteins; Transcription Regulation; DNA/RNA/Protein Interactions; Immunohistochemistry; DNA Repair; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826998
NCBI GeneID	6421
NCBI Accession #	NP_005057
NCBI GenBank Nucleotide #	NM_005066
UniProt Accession #	P23246
Molecular Weight	78kDa
NCBI Official Full Name	splicing factor, proline- and glutamine-rich
NCBI Official Synonym Full Names	splicing factor proline and glutamine rich
NCBI Official Symbol	SFPQ
NCBI Official Synonym Symbols	PSF; POMP100; PPP1R140
NCBI Protein Information	splicing factor, proline- and glutamine-rich
UniProt Protein Name	Splicing factor, proline- and glutamine-rich
UniProt Gene Name	SFPQ
UniProt Synonym Gene Names	PSF; hPOMP100; PSF; PTB-associated-splicing factor
UniProt Entry Name	SFPQ_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sfpq-antibody-western-blot-immunohistochemistry-elisa/198706>