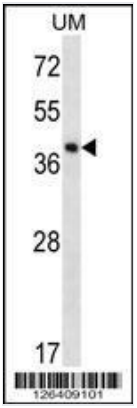
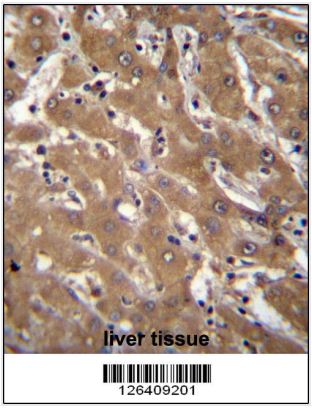
SPOPL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

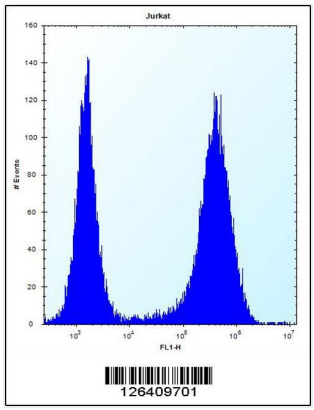
Product Name	SPOPL, Polyclonal Antibody
Full Product Name	SPOPL, ID (SPOPL, Speckle-type POZ protein-like, HIB homolog 2, Roadkill homolog 2) (Azide free) (HRP)
Product Gene Name	anti-SPOPL antibody
Product Synonym Names	SPOPL; Speckle-type POZ protein-like; HIB homolog 2; Roadkill homolog 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	44,647 Da
3D Structure	ModBase 3D Structure for Q6IQ16
Immunogen	SPOPL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-357 amino acids from the Central region of human SPOPL.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-SPOPL antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-SPOPL antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-SPOPL antibody	IHC: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-SPOPL antibody	In complex with a cullin, may act in ubiquitination and proteasomal degradation processes (By similarity).
Product References and Citations for anti-SPOPL antibody	Lamesch, P., et al. Genomics 89(3):307-315(2007). Zhang, Q., et al. Dev. Cell 10(6):719-729(2006). Kent, D., et al. Development 133(10):2001-2010(2006).
Other Notes	Small volumes of anti-SPOPL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SPOPL purchase	MBS6350744 is an antibody targeting SPOPL. Also known as SPOPL, ID (SPOPL, Speckle-type POZ protein-like, HIB homolog 2, Roadkill homolog 2) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-SPOPL antibody
SPOPL Antibody (Center) western blot analysis in uterus tumor cell line lysates (35ug/lane).This demonstrates the SPOPL antibody detected the SPOPL protein (arrow).



Immunohistochemistry (IHC) of anti-SPOPL antibody
SPOPL Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SPOPL Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-SPOPL antibody
SPOPL Antibody (Center) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPOPL. It may not necessarily be applicable to this product.

NCBI GI #	48717263
NCBI GeneID	339745
NCBI Accession #	NP_001001664.1
UniProt Primary Accession #	Q6IQ16
UniProt Related Accession #	Q6IQ16
GenBank Nucleotide #	NM_001001664.2
NCBI Official Full Name	speckle-type POZ protein-like
NCBI Official Synonym Full Names	speckle-type POZ protein-like
NCBI Official Symbol	SPOPL
NCBI Official Synonym Symbols	BTBD33
UniProt Protein Name	Speckle-type POZ protein-like
UniProt Synonym Protein Names	HIB homolog 2; Roadkill homolog 2
Protein Family	Speckle-type POZ protein

UniProt Gene Name	SPOPL
UniProt Entry Name	SPOPL_HUMAN
NCBI Protein Information	speckle-type POZ protein-like; HIB homolog 2; roadkill homolog 2
UniProt Comments for SPOPL	SPOPL: In complex with a cullin, may act in ubiquitination and proteasomal degradation processes. Belongs to the Tdpoz family. Protein type: Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 2q22.1 Cellular Component: nucleus Biological Process: proteasomal ubiquitin-dependent protein catabolic process; protein ubiquitination; negative regulation of protein ubiquitination
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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