

Rabbit anti-Human, Rat SHARPIN Polyclonal Antibody | anti-SHARPIN antibody

SHARPIN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234507	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

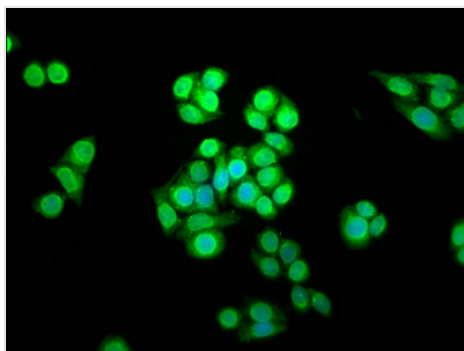
PRODUCT SYNONYMS

SHARPIN; Polyclonal Antibody; SHARPIN Antibody; Sharpin; Shank-associated RH domain-interacting protein; Shank-interacting protein-like 1; hSIPL1; SIPL1; PSEC0216; anti-SHARPIN antibody

PRODUCT SPECIFICATIONS

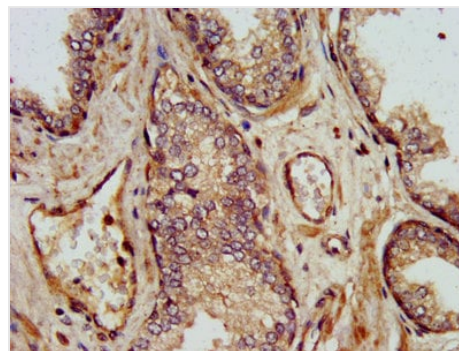
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	387
Applicable Applications for anti-SHARPIN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Sharpin protein (82-171AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



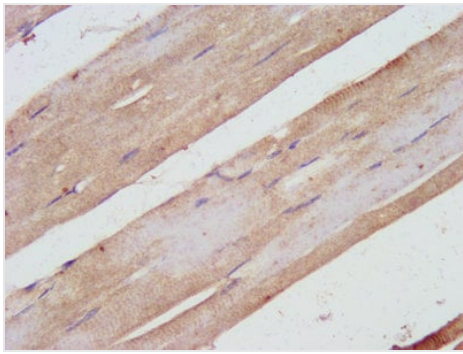
IF (Immunofluorescence)

Immunofluorescence staining of PC3 cells with AAA234507 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



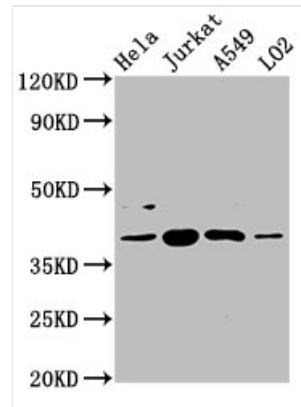
IHC (Immunohistochemistry)

IHC image of AAA234507 diluted at 1:500 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234507 diluted at 1:500 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate, Jurkat whole cell lysate, A549 whole cell lysate, LO2 whole cell lysateAll lanes: SHARPIN antibody at 5.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 40, 34 KDaObserved band size: 40 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SHARPIN antibody	Component of the LUBAC complex which conjugates linear polyubiquitin chains in a head-to-tail manner to substrates and plays a key role in NF-kappa-B activation and regulation of inflammation. LUBAC conjugates linear polyubiquitin to IKBKG and RIPK1 and is involved in activation of the canonical NF-kappa-B and the JNK signaling pathways. Linear ubiquitination mediated by the LUBAC complex interferes with TNF-induced cell death and thereby prevents inflammation. LUBAC is proposed to be recruited to the TNF-R1 signaling complex (TNF-RSC) following polyubiquitination of TNF-RSC components by BIRC2 and/or BIRC3 and to conjugate linear polyubiquitin to IKBKG and possibly other components contributing to the stability of the complex. Together with FAM105B/otulin, the LUBAC complex regulates the canonical Wnt signaling during angiogenesis.
Product Categories/Family for anti-SHARPIN antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	118918415
NCBI GeneID	81858
NCBI Accession #	NP_112236.3
NCBI GenBank Nucleotide #	NM_030974.3
UniProt Accession #	Q9H0F6 ; Q8IXF5 ; Q8IXF6 ; Q8N2E7 ; Q8TB25 ; Q9BUE4 ; A6NEG3 ; C0L3L2 ; D3DWL3
Molecular Weight	33,878 Da
NCBI Official Full Name	sharpin
NCBI Official Synonym Full Names	SHANK associated RH domain interactor
NCBI Official Symbol	SHARPIN
NCBI Official Synonym Symbols	SIPL1
NCBI Protein Information	sharpin
UniProt Protein Name	Sharpin
UniProt Gene Name	SHARPIN
UniProt Synonym Gene Names	SIPL1; hSIPL1

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/sharpin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234507>