

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

Anti-SHARPIN Antibody, Rabbit Polyclonal

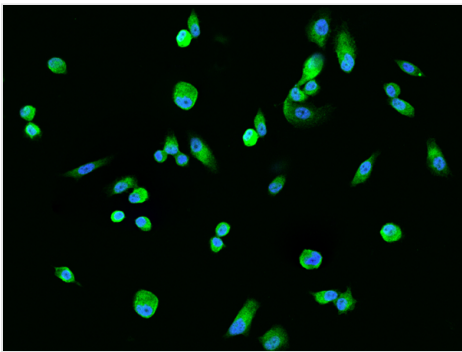
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255998	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

SHARPIN; Polyclonal Antibody; Anti-SHARPIN Antibody; Rabbit Polyclonal; SHARPIN Antibody; Rabbit PAb; Antigen Affinity Purified; SHANK-associated RH domain interactor; Anti-SIPL1 Antibody; anti-SHARPIN antibody

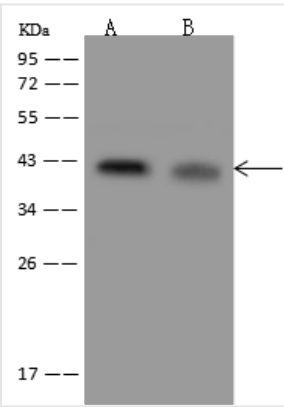
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SHARPIN
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SHARPIN antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human SHARPIN fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SHARPIN fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IF (Immunofluorescence)

Immunofluorescence staining of SHARPIN in PC3 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human SHARPIN polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



WB (Western Blot)

Anti-SHARPIN rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 40 kDa Observed band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SHARPIN antibody	Shank-associated RH domain-interacting protein (SHARPIN) is a cytosolic protein that plays a key role in the activation of nuclear factor kappa-light-chain enhancer of activated B cells and regulation of inflammation. Furthermore, SHARPIN controls integrin-dependent cell adhesion and migration in several normal and malignant cell types, and loss of SHARPIN correlates with increased integrin activity in mice. SHARPIN is an important component of the linear ubiquitin chain assembly complex (LUBAC). Loss of function of SHARPIN results in eosinophilic inflammation in multiple organs including skin with Th2 -dominant cytokines and dysregulated development of lymphoid tissues in mice. The clinicopathological features are similar to atopic dermatitis (AD) in humans. SHARPIN is highly expressed in many cancers, especially in breast cancer. It plays an important role in controlling important carcinogenic pathways in breast cancer, such as p53 and ERalpha.
References	Tian Z, et al. (2019) Atypical ubiquitin-binding protein sharpin promotes breast cancer progression. Biomed Pharmacother 119 109414. Tang L, et al. (2018) Down-regulated sharpin may accelerate the development of atopic dermatitis through activating interleukin-33/st2 signalling. Exp Dermatol 27 (12): 1328-1335. Siitonen R, et al. (2019) (68)ga-dota-e[c(rgdfk)](2) pet imaging of sharpin-regulated integrin activity in mice. J Nucl Med 60 (10): 1380-1387. Khan MH, et al. (2017) The sharpin interactome reveals a role for sharpin in lamellipodium formation via the arp2/3 complex. J Cell Sci 130 (18): 3094-3107.

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-immunocytochemistry-western-blot-elisa/255998>