Product datasheet

Anti-SHARPIN antibody ab197853

Overview

Product name: Anti-SHARPIN antibody
Description: Rabbit polyclonal to SHARPIN
Host species: Rabbit
Tested applications: Suitable for: IP, WB, Flow Cyt, ICC/IF
Species reactivity: Reacts with: Mouse, Human
Immunogen: Recombinant fragment corresponding to Human SHARPIN aa 1-230 (N terminal).
Sequence:

MAPPAGAAAAASDLGSAAVLLAVHAAVRPLGAGPD
AEAQLRLQLSADPEPGRFRL
ELLGAGPGAVNLEWPLESVSYTGQPTQHELQPPPG
PGT LSLHFLNPQEAQWRASVLR
GATVEQNGSKNSPPALGPEACPVSLPS
PPEASTLKGPPEADLPSPGNLTEREELAG
SLARIAGGDEKGAAVQ
AAVLAQHRVALSVOACFPPGPRLQVTLDAAS

Database link: Q9H0F6

Positive control: Sharpin transfected U2OS cells and lysates, U2OS cell extracts, NIH3T3 cell lysate.

Properties

Form: Liquid
Storage buffer: Preservative: 0.05% Sodium azide
Purity: Whole antiserum
Clonality: Polyclonal
Isotype: IgG

Applications
Function: May have a role in normal immune development and control of inflammation.

Tissue specificity: Highly expressed in skeletal muscle and placenta and at lower levels in brain, heart, colon without mucosa, thymus, spleen, kidney, liver, small intestine, lung and peripheral blood leukocytes.

Sequence similarities: Contains 1 RanBP2-type zinc finger.

Cellular localization: Cytoplasm. Enriched at synaptic sites in mature neurons where it colocalizes with SHANK1.

**Images**

**All lanes:** Anti-SHARPIN antibody (ab197853) at 1/2000 dilution

**Lane 1:** Control siRNA transfected U2OS cell lysate

**Lane 2:** Sharpin siRNA transfected U2OS cell lysate

**Lane 3:** NIH3T3 cell lysate

Lysates/proteins at 40 µg per lane.

**Predicted band size:** 40 kDa

Transfer in nitrocellulose, block: 1 hour 5% milk in TBST, incubation with primary antibody o/n @ 4°C in 5% milk TBST (0.1% Tween).
Western blot analysis with ab197853 of Immunoprecipitation using U2OS cells extracts
Lane 1: Input.
Lane 2: Immunoprecipitation with control serum.
Lane 3: Immunoprecipitation with ab197853 (5μl)

Flow cytometric analysis of U2OS cells labeling Sharpin with ab197853 at 1/200 dilution. Upper panel shows labeling with IgG controls, middle panel shows labeling of control siRNA treated cells and bottom panel shows labeling of Sharpin siRNA treated cells. Cells were fixed with 1% PFA. Cells were incubated with the primary antibody overnight at 4°C.

Immunofluorescent analysis of PFA fixed and methanol permeabilized U2OS cells transfected with HA-Sharpin labeling Sharpin with ab197853 at 1/200 dilution in PBST (green) and HA in (red)

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