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Product Data Sheet

Anti-SHARP1 Antibody

Catalog #	Source	Reactivity	Applications
CPA3433	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to SHARP1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SHARP1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of SHARP1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)
Gene Symbol	BHLHE41
Alternative Names	BHLHB3; DEC2; SHARP1; Class E basic helix-loop-helix protein 41; bHLHe41; Class B basic helix-loop-helix protein 3; bHLHb3; Differentially expressed in chondrocytes protein 2; hDEC2; Enhancer-of-split and hairy-related protein 1; SHARP-1
Entrez Gene	79365 (Human); 79362 (Mouse)
SwissProt	Q9C0J9 (Human); Q99PV5 (Mouse); O35779 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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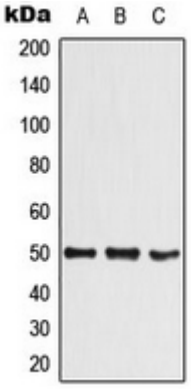
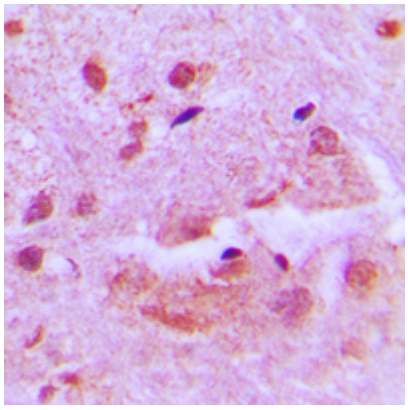


Western blot analysis of SHARP1 expression in SHSY5Y (A), RAW264.7 (B), PC12 (C) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 50 kD)



Immunohistochemical analysis of SHARP1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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