

Rabbit anti-Human, Mouse SHARP-2 Polyclonal Antibody | anti-BHLHE40 antibody

Anti-SHARP-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261902	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SHARP-2; Polyclonal Antibody; Anti-SHARP-2 Antibody; BHLHB2; DEC1; SHARP2; STRA13; Class E basic helix-loop-helix protein 40; bHLHe40; Class B basic helix-loop-helix protein 2; bHLHb2; Differentially expressed in chondrocytes protein 1; Enhancer-of-split and hairy-related protein 2; Stimulated by retinoic acid gene 13 protein; anti-BHLHE40 antibody

PRODUCT SPECIFICATIONS

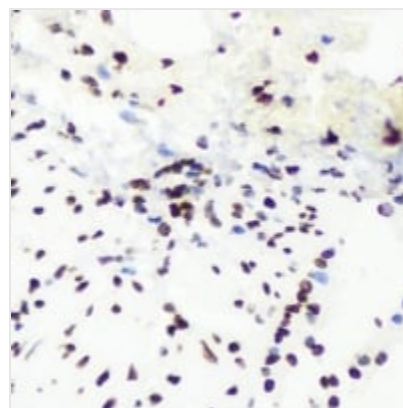
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of SHARP-2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	412
Applicable Applications for anti-BHLHE40 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human SHARP-2
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



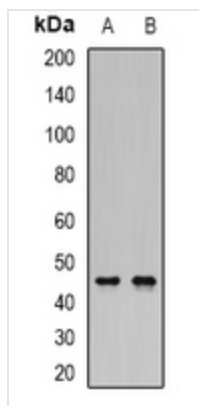
IF (Immunofluorescence)

Immunofluorescent analysis of SHARP-2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of SHARP-2 staining in mouse lung 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.



WB (Western Blot)

Western blot analysis of SHARP-2 expression in HepG2 (A), mouse kidney (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-BHLHE40 antibody	Rabbit polyclonal antibody to SHARP-2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503299
NCBI GeneID	8553
NCBI Accession #	NP_003661.1
NCBI GenBank Nucleotide #	NM_003670.2
UniProt Accession #	O14503; Q96TD3
Molecular Weight	45,510 Da
NCBI Official Full Name	class E basic helix-loop-helix protein 40
NCBI Official Synonym Full Names	basic helix-loop-helix family member e40
NCBI Official Symbol	BHLHE40
NCBI Official Synonym Symbols	DEC1; HLHB2; BHLHB2; STRA13; Stra14; SHARP-2
NCBI Protein Information	class E basic helix-loop-helix protein 40
UniProt Protein Name	Class E basic helix-loop-helix protein 40
UniProt Gene Name	BHLHE40
UniProt Synonym Gene Names	BHLHB2; DEC1; SHARP2; STRA13; bHLHe40; bHLHb2; DEC1; SHARP-2
UniProt Entry Name	BHE40_HUMAN

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.