

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

Rabbit anti-SHARP-2 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                           |
|-----------|--------|--------------|--------------------------------------------------------|
| AAA221065 | Rabbit | Human, Mouse | Immunofluorescence, Immunohistochemistry, Western Blot |

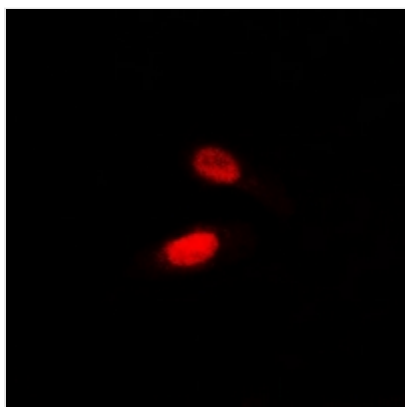
### PRODUCT SYNONYMS

SHARP-2; Polyclonal Antibody; Rabbit 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-SHARP-2 antibody

### PRODUCT SPECIFICATIONS

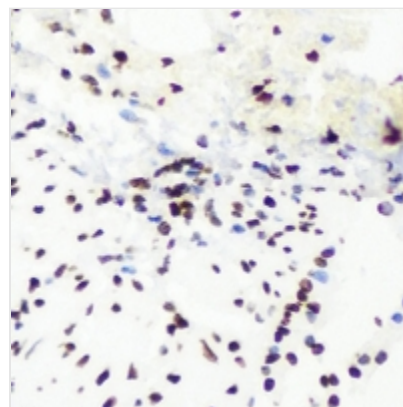
|                                                   |                                                                                                           |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                    |
| Reactivity                                        | Human, Mouse                                                                                              |
| Clonality                                         | Polyclonal                                                                                                |
| 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. |
| Concentration                                     | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-SHARP-2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                    |
| Immunogen                                         | Recombinant full length protein of human SHARP-2                                                          |
| Preparation and Storage                           | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



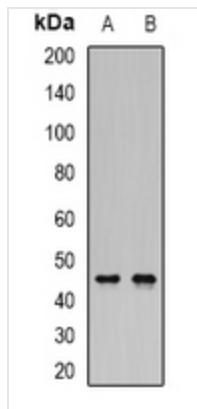
#### IF (Immunofluorescence)

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

Product Categories/Family for anti-SHARP-2 antibody

[Primary antibodies](#)

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4503299</a>                                                                                                                                                                                                                                          |
| NCBI GeneID                      | <a href="#">8553</a>                                                                                                                                                                                                                                             |
| NCBI Accession #                 | <a href="#">NP_003661</a>                                                                                                                                                                                                                                        |
| NCBI GenBank Nucleotide #        | <a href="#">NM_003670</a>                                                                                                                                                                                                                                        |
| UniProt Accession #              | <a href="#">O14503</a> ; <a href="#">O35185</a>                                                                                                                                                                                                                  |
| 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; basic helix-loop-helix domain containing, class B, 2; class B basic helix-loop-helix protein 2; differentially expressed in chondrocytes 1; differentially expressed in chondrocytes protein 1; differentiated embryo |
| UniProt Protein Name             | Class E basic helix-loop-helix protein 40                                                                                                                                                                                                                        |
| UniProt Gene Name                | <b>BHLHE40</b>                                                                                                                                                                                                                                                   |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sharp-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/221065>