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# ES8L2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50687

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q9H6S3 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Calculated MW** | 80621 |

## Additional Information

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|---|---|
| **Gene ID** | 64787 |
| **Other Names** | Epidermal growth factor receptor kinase substrate 8-like protein 2, EPS8-like protein 2, Epidermal growth factor receptor pathway substrate 8-related protein 2, EPS8-related protein 2, EPS8L2, EPS8R2 |
| **Dilution** | WB~~ 1:1000 |
| **Format** | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol. |
| **Storage Conditions** | -20℃ |

## Protein Information

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|---|---|
| **Name** | EPS8L2 |
| **Synonyms** | EPS8R2 |
| **Function** | Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton. In the cochlea, is required for stereocilia maintenance in adult hair cells (By similarity). |
| **Cellular Location** | Cytoplasm. Cell projection, stereocilium {ECO:0000250\|UniProtKB:Q99K30}. Note=Localizes at the tips of the stereocilia of the inner and outer hair cells {ECO:0000250\|UniProtKB:Q99K30} |
| **Tissue Location** | Detected in fibroblasts and placenta. |

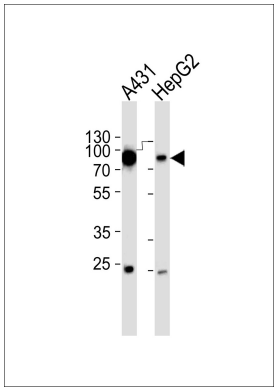
## Background

Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton.

## References


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Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Offenhaeuser N.,et al.Mol. Biol. Cell 15:91-98(2004).


## Images




Western blot analysis of lysates from A431,HepG2 cell line (from left to right),using ES8L2 Antibody(AP50687). AP50687 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.


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