

DIAPH1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 141kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human DIAPH1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

j

Synonym:

DIA1; DRF1; DFNA1; LFHL1; hDIA1;

Catalog #: A5772

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1729

Isotype: IgG

Swiss Prot: O60610

Purity: Affinity purification

For research use only.

Background:

This gene is a homolog of the Drosophila diaphanous gene, and has been linked to autosomal dominant, fully penetrant, nonsyndromic sensorineural progressive low-frequency hearing loss. Actin polymerization involves proteins known to interact with diaphanous protein in Drosophila and mouse. It has therefore been speculated that this gene may have a role in the regulation of actin polymerization in hair cells of the inner ear. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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