

Product datasheet for TA358568

OriGene Technologies, Inc.

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DIAPH1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Human, Mouse, Pig, Rabbit, Rat

Homology: Cow: 85%; Dog: 100%; Human: 100%; Mouse: 93%; Pig: 92%; Rabbit: 86%; Rat:

93%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 141kDa

Gene Name: diaphanous related formin 1

Database Link: NP 005210

Entrez Gene 1729 Human

060610

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.



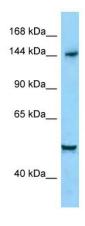
DIAPH1 Rabbit Polyclonal Antibody - TA358568

Synonyms: DFNA1; DIA1; DIAP1; DRF1; FLJ25265; hDIA1; LFHL1

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Focal adhesion, Regulation of actin cytoskeleton

Product images:



WB Suggested Anti-DIAPH1 Antibody

Titration: 1.0 ug/ml

Positive Control: HepG2 Whole CellThere is BioGPS gene expression data showing that

DIAPH1 is expressed in HepG2