

Product datasheet for TA358568

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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 O60610
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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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 Cell
There is BioGPS gene expression data showing that DIAPH1 is expressed in HepG2