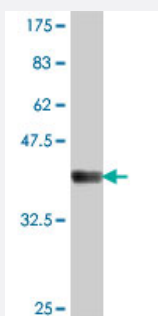


DIAPH1 polyclonal antibody (A01)

Catalog # H00001729-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.55 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant DIAPH1.
Immunogen	DIAPH1 (NP_005210, 921 a.a. ~ 1024 a.a) partial recombinant protein with GST tag.
Sequence	QFSEQVENIKPEIVSVTAACEELRKSESFSNLLLEITLLVGNYMNAGSRNAGAFGFNISFLCKLRDTK STDQKMTLLHFLAELCENDYPDVLKFPDELAHVEKAS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.55 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DIAPH1

Entrez GeneID [1729](#)

GeneBank Accession# [NM_005219](#)

Protein Accession# [NP_005210](#)

Gene Name DIAPH1

Gene Alias DFNA1, DIA1, DRF1, FLJ25265, LFHL1, hDIA1

Gene Description diaphanous homolog 1 (Drosophila)

Omim ID [124900 602121](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000195047|OTTHUMP00000195048|diaphanous 1|diaphanous-1|diaphanous-related formin 1

Pathway

- [Focal adhesion](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Celiac Disease](#)

- [Genetic Predisposition to Disease](#)