

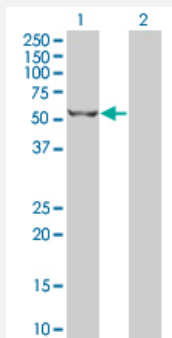
MaxPab®

DIAPH1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00001729-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DIAPH1 expression in transfected 293T cell line ([H00001729-T01](#)) by DIAPH1 MaxPab polyclonal antibody.

Lane 1: DIAPH1 transfected lysate(44.44 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DIAPH1 protein.
Immunogen	DIAPH1 (AAH07411, 1 a.a. ~ 404 a.a) full-length human protein.
Sequence	MPYQEIKNVILEVNEAVLTESMIQNLIKQMPEPEQLKMLSELKDEYDDLAESEQFGVVMGTVPRLR PRLNAILFKLQFSEQVENIKPEIVSVTAACEELRKSESFSNLLIITLLVGNYMNAGSRNAGAFGFNIS FLCKLRDTKSTDQKMTLLHFLAELCENDYPDVLKFPDELAHVEKASRVSAENLQKNLDQMKKQIS DVERDVQNFPAAATDEKDKFVEKMTSFVKDAQEQYNKLRMMHSNMETLYKELGEYFLFDPKKLS VEEFFMDLHNFRNMFLQAVKENQKRRETEEKMRRAKLAKEKAERLEKQQKREQLIDMNAEG DETGVMDSLLEALQSGAAFRKRGRPRQANRKAGCAVTSLLASELTKDDAMAAVPAKVSKNSET FPTILEEAKELVGRAS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note

For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — DIAPH1

Entrez GeneID [1729](#)

GeneBank Accession# [BC007411](#)

Protein Accession# [AAH07411](#)

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](#)