

DIAPH1 polyclonal antibody

Catalog # PAB30386 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with DIAPH1 polyclonal antibody (Cat # PAB30386) shows strong cytoplasmic positivity in neuronal cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human DIAPH1.
Immunogen	Recombinant protein corresponding to human DIAPH1.
Sequence	SLLDILKRLHDEKEETAGSYDSRNKHEIIRCLKAFMNNKFGIKTMLETEEGILLVLRAMDPVAVPNMMI DAAKLLSALCILPQPEDMNERVLEAMTERAEMDEVERFQPLLDGLKSGTTALKVGCLQLINALITP AE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — DIAPH1

Entrez GeneID	1729
Protein Accession#	O60610
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](#)