



Mouse anti-Human DIAPH3 monoclonal antibody, clone 5E6 (CABT-B10094)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	DIAPH3 (NP_112194, 632 a.a. ~ 730 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5E6
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	PDILNFVDDLEPLDKASKVSVETLEKNLRQMGRQLQQLEKELETFPFPEDLHDKFVTKMS RFVISAKEQYETLSKLHENMEKLYQSIIGYYAIDVKKV*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the diaphanous subfamily of the formin family. Members of this family are involved in actin remodeling and regulate cell movement and adhesion.
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Mutations in this gene are associated with autosomal dominant auditory neuropathy 1. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Keywords	DIAPH3; diaphanous-related formin 3; AN; DIA2; DRF3; AUNA1; NSDAN; diap3; mDia2; protein diaphanous homolog 3; diaphanous homolog 3; diaphanous-related formin-3;
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GENE INFORMATION

Entrez Gene ID	81624
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UniProt ID	Q9NSV4
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Pathway	CDC42 signaling events, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, conserved biosystem
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Function	Rho GTPase binding; actin binding; binding
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