



## 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

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

### BACKGROUND

<b>Introduction</b>	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]

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<b>Keywords</b>	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

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Entrez Gene ID	<a href="#">81624</a>
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UniProt ID	<a href="#">Q9NSV4</a>
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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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