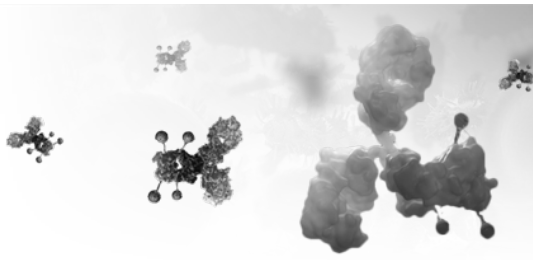

Mouse anti-Human DDX6 monoclonal antibody, clone 4E3 (CABT-B10079)

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

PRODUCT INFORMATION

Immunogen	DDX6 (AAH65007,2a.a. ~ 483 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4E3
Conjugate	Unconjugated
Applications	WB, IHC, sELISA, ELISA, RNAi Knockdown
Sequence Similarities	MSTARTENPVIMGLSSQNGQLRGPVKPTGGPGGGGTQTQQQMNQLKNTNTINNGTQQQAQ SMTTTIKPGDDWKKTLKLPPKDLRIKTSDVTSTKGNEFEDYCLKRELLMGIFEMGWEKPS PIQEESIPIALSGRDILARAKNGTGKSGAYLIPLLERLDLKKDNIQAMVIVPTRELALQV SQICIQVSKHMGGAKVMATTGGTNLRDDIMRLDDTVHVVIATPGRILDLIKKGVAKVDHV QMIVLDEADKLL
Format	Liquid
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

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Introduction	This gene encodes a member of the DEAD box protein family. The protein is an RNA helicase found in P-bodies and stress granules, and functions in translation suppression and mRNA degradation. It is required for microRNA-induced gene silencing. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Mar 2012]
Keywords	DDX6; DEAD (Asp-Glu-Ala-Asp) box helicase 6; P54; RCK; HLR2; probable ATP-dependent RNA helicase DDX6; DEAD box-6; oncogene RCK; DEAD box protein 6; ATP-dependent RNA helicase p54; DEAD (Asp-Glu-Ala-Asp) box polypeptide 6; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54kD);

GENE INFORMATION

Entrez Gene ID	1656
UniProt ID	P26196
Pathway	Deadenylation-dependent mRNA decay, organism-specific biosystem; Decapping complex, organism-specific biosystem; Decapping complex, conserved biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; mRNA Decay by 5 to4Exoribonuclease, organism-specific biosystem;
Function	ATP binding; ATP-dependent helicase activity; RNA binding; RNA helicase activity; helicase activity; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding;

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