



Anti-DDX6 monoclonal antibody, clone FQS23257 (DCABH-5919)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to DDX6
Antigen Description	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis and cellular growth and division. In the process of mRNA degradation, DDX6 may play a role in mRNA decapping. It forms a complex with DCP1A, DCP2, EDC3 and EDC4/HEDLS.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human DDX6 aa 100-200 (Cysteine residue). The exact sequence is proprietary. Database link: P26196
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS23257
Purity	Tissue culture supernatant
Conjugate	Unconjugated
Applications	IHC-P, WB
Positive Control	293T, HepG2, HeLa and K562 cell lysates, Human heart tissue.
Format	Liquid
Size	100 µl
Buffer	pH: 7.2; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA, 49% PBS
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	DDX6 DEAD (Asp-Glu-Ala-Asp) box helicase 6 [Homo sapiens]
Official Symbol	DDX6
Synonyms	DDX6; DEAD (Asp-Glu-Ala-Asp) box helicase 6; DEAD (Asp Glu Ala Asp) box polypeptide 6 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 6 (RNA helicase, 54kD) , HLR2; probable ATP-dependent RNA helicase DDX6; RCK; DEAD box-6; oncogene RCK; DEAD box protein
Entrez Gene ID	1656
Protein Refseq	NP_001244120
UniProt ID	B2R858
Chromosome Location	11q23.3
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 to 3 Exoribonuclease, 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;