



Anti-DDX55 monoclonal antibody (DCABH-11252)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the DEAD box protein family. 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. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been confirmed.
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Immunogen	A synthetic peptide of human DDX55 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DDX55 DEAD (Asp-Glu-Ala-Asp) box polypeptide 55 [Homo sapiens]
Official Symbol	DDX55
Synonyms	DDX55; DEAD (Asp-Glu-Ala-Asp) box polypeptide 55; ATP-dependent RNA helicase DDX55; KIAA1595; DEAD box protein 55; FLJ16577; MGC33209;
Entrez Gene ID	57696
Protein Refseq	NP_065987
UniProt ID	A0A024RBS0
Chromosome Location	12q24.31
Function	ATP binding; ATP-dependent helicase activity; RNA binding; helicase activity; hydrolase activity; nucleotide binding;