



Anti-CASC3 (aa 604-703) polyclonal antibody (DPAB-DC998)

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

PRODUCT INFORMATION

Antigen Description	The product of this gene is a core component of the exon junction complex (EJC), a protein complex that is deposited on spliced mRNAs at exon-exon junctions and functions in nonsense-mediated mRNA decay (NMD). The encoded protein binds RNA and interacts with two other EJC core components. It is predominantly located in the cytoplasm, but shuttles into the nucleus where it localizes to nuclear speckles.
Immunogen	CASC3 (NP_031385, 604 a.a. ~ 703 a.a) partial recombinant protein with GST tag. The sequence is VSMSPGQPPPPQQLLAPTYFSAPGVMNFGNPSYPYAPGALPPPPPPHLYPNTQAPSQVYGG VTYYNPAQQQVQPKSPPPRRTPQPVTIKPPPPEVVSRGSS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CASC3 cancer susceptibility candidate 3 [Homo sapiens (human)]
Official Symbol	CASC3
Synonyms	CASC3; cancer susceptibility candidate 3; BTZ; MLN51; protein CASC3; MLN 51; barentsz; protein barentsz; metastatic lymph node 51; metastatic lymph node gene 51 protein; cancer susceptibility candidate gene 3 protein;
Entrez Gene ID	22794
Protein Refseq	NP_031385
UniProt ID	O15234
Chromosome Location	17q21.1
Pathway	Exon junction complex (EJC); Gene Expression; Nonsense-Mediated Decay (NMD); RNA transport
Function	enzyme binding; identical protein binding; poly(A) RNA binding; protein binding