

CAB10299

Product Information

Product SKU:	CAB10299	Gene ID:	28960	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	38kDa	Conjugate:	Unconjugated
Calculated MW:	39kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a member of the histidine triad family of pyrophosphatases that removes short mRNA fragments containing the 5' cap structure, which appear in the 3' mRNA decay pathway, following deadenylation and exosome-mediated turnover. This enzyme hydrolyzes the triphosphate linkage of the cap structure (7-methylguanosine nucleoside triphosphate) to yield 7-methylguanosine monophosphate and nucleoside diphosphate. It protects the cell from the potentially toxic accumulation of these short, capped mRNA fragments, and regulates the activity of other cap-binding proteins, which are inhibited by their accumulation. It also acts as a transcript-specific modulator of pre-mRNA splicing and microRNA turnover.
Recommended Dilution:	WB,1:1000 - 1:2000
Synonyms:	ARS; DCS1; HSL1; HINT5; HINT-5; HSPC015; DCPS
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human DCPS (NP_054745.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.