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anti-CPSF2 antibody (N-Term)



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Publication



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Target Details

CPSF2

Target:

Overview	
Quantity:	100 μL
Target:	CPSF2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPSF2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CPSF2
Sequence:	YAVGKLGLNC AIYATIPVYK MGQMFMYDLY QSRHNTEDFT LFTLDDVDAA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CPSF2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

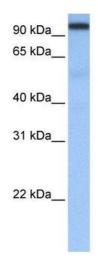
Target Details

Alternative Name:	CPSF2 (CPSF2 Products)	
Background:	CPSF2 is a component of the cleavage and polyadenylation specificity factor (CPSF) complex that play a key role in pre-mRNA 3'-end formation, recognizing the AAUAAA signal sequence and interacting with poly(A) polymerase and other factors to bring about cleavage and poly(A) addition. It belongs to the metallo-beta-lactamase superfamily, RNA-metabolizing metallo-beta lactamase-like family, CPSF2/YSH1 subfamily. Alias Symbols: CPSF100, KIAA1367 Protein Interaction Partner: RBBP6, UBC, WWOX, EZH2, rev, HECW2, CLK2, NPM1, CPSF3, SYMPK, CSTF2, MDC1, ECT2, BARD1, GTF3C6, FIP1L1, WDR33, POLE3, CPSF1, RALBP1, MED17, GTF3C3, SMARCD3, SMARCA4, POLR2A, CUL3, HNRNPA1, ELAVL1, SUMO2, SMARCAD1, CSTF2T, RRAGA, TBP, PSMA3, CLP1, CDC73, R Protein Size: 782	
Molecular Weight:	88 kDa	
Gene ID:	53981	
NCBI Accession:	NM_017437, NP_059133	
UniProt:	Q9P2I0	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 782 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	

Handling

Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	
Publications		
Product cited in:	Yomo, Hongo, Kuroyanagi, Kobayashi: "Parkinsonism and midbrain dysfunction after shunt placement for obstructive hydrocephalus." in: Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia , Vol. 13, Issue 3, pp. 373-8, (2006) (PubMed).	

Images



Western Blotting

Image 1. WB Suggested Anti-CPSF2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart