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anti-CSTF3 antibody (Middle Region)



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Publication



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Quantity:	100 μL
Target:	CSTF3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSTF3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CSTF3
Sequence:	FEELKKHEDS AIPRRLECLK EDVQRQQERE KELQHRYADL LLEKETLKSK
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 CSTF3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target: CSTF3

Target Details

Alternative Name:	CSTF3 (CSTF3 Products)	
Background:	CSTF3 is one of three (including CSTF1 and CSTF2) cleavage stimulation factors that combine to form the cleavage stimulation factor complex (CSTF). This complex is involved in the polyadenylation and 3' end cleavage of pre-mRNAs. The protein functions as a homodimer and interacts directly with both CSTF1 and CSTF2 in the CSTF complex. The protein encoded by this gene is one of three (including CSTF1 and CSTF2) cleavage stimulation factors that combine to form the cleavage stimulation factor complex (CSTF). This complex is involved in the polyadenylation and 3' end cleavage of pre-mRNAs. The encoded protein functions as a homodimer and interacts directly with both CSTF1 and CSTF2 in the CSTF complex. Alternative splicing results in multiple transcript variants encoding different isoforms. Alias Symbols: CSTF-77, MGC117398, MGC43001, MGC75122 Protein Interaction Partner: RBBP6, UBC, WWOX, rev, HECW2, POLR2A, WHSC1, CSTF1, CSTF2T, GAPDH, CSTF2, CUL3, HNRNPA1, CPSF1, RRAGA, CDC73, VHL, E2F4, ASF1, Protein Size: 717	
Molecular Weight:	83 kDa	
Gene ID:	1479	
NCBI Accession:	NM_001326, NP_001317	
UniProt:	Q12996	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 717 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	

Handling

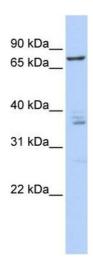
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Bertin, Dury, Ouellet, Pelletier, Labrie: "Localization of the androgen-synthesizing enzymes, androgen receptor, and sex steroids in the vagina: possible implications for the treatment of postmenopausal sexual dysfunction." in: **The journal of sexual medicine**, Vol. 11, Issue 8, pp. 1949-61, (2014) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-CSTF3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721_B cell lysate CSTF3 is supported by BioGPS gene expression data to be expressed in 721_B