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Datasheet for ABIN1700544  
**anti-CSTF3 antibody (AA 151-250) (Biotin)**

### Overview

Quantity:	100 µL
Target:	CSTF3
Binding Specificity:	AA 151-250
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSTF3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CSTF3/CSTF77
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	CSTF3
Alternative Name:	CSTF3/CSTF77 ( <a href="#">CSTF3 Products</a> )

## Target Details

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**Background:** Synonyms: CF 1 77 kDa subunit, Cleavage stimulation factor 77 kDa subunit, Cleavage stimulation factor subunit 3, Cleavage stimulation factor subunit 3 isoform 1, CSTF 3, CSTF 77, CSTF 77 kDa subunit, CSTF77, MGC117398, MGC43001, MGC75122, CSTF3\_HUMAN.

Background: Polyadenylation of mRNA precursors is a two-step reaction that requires multiple protein factors. The first step, endonucleolytic cleavage of polyadenylation substrates, requires CstF (cleavage stimulation factor), a heterotrimer that is composed of three distinct subunits. Heterotrimeric CstF recognizes GU- and U-rich sequences located downstream of the polyadenylation site on RNA. CstF-77 (cleavage stimulation factor, 77 kDa subunit), also known as CstF3, is one of the three subunits comprising CstF. It can exist as a homodimer and functions as the bridge, directly interacting with the other two CstF subunits, namely CstF-64 and CstF-50. CstF-77 is highly conserved among eukaryotes. It contains an Alpha-helical structure with 11 HAT (Half-a-TPR-containing) repeats and is essential for CstF assembly. In addition, CstF-77 is capable of interacting with CPSF1 and FCP1, other factors involved in polyadenylation.

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**Gene ID:** 1479

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C for 12 months.

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## Handling

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Expiry Date: 12 months