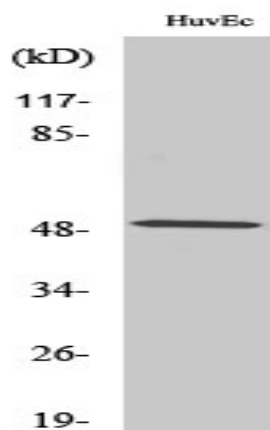


## CstF-50 Polyclonal Antibody

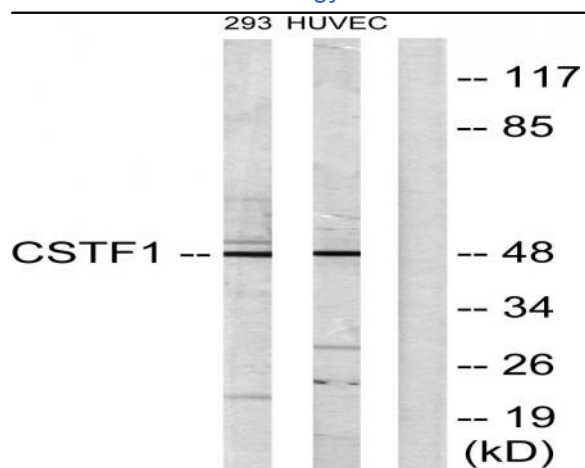
<b>Catalog No :</b>	YT1144
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	CstF-50
<b>Fields :</b>	>>mRNA surveillance pathway
<b>Gene Name :</b>	CSTF1
<b>Protein Name :</b>	Cleavage stimulation factor subunit 1
<b>Human Gene Id :</b>	1477
<b>Human Swiss Prot No :</b>	Q05048
<b>Mouse Gene Id :</b>	67337
<b>Mouse Swiss Prot No :</b>	Q99LC2
<b>Rat Gene Id :</b>	311670
<b>Rat Swiss Prot No :</b>	Q5BJQ6
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human CSTF1. AA range:1-50
<b>Specificity :</b>	CstF-50 Polyclonal Antibody detects endogenous levels of CstF-50 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	48kD
<b>Background :</b>	This gene encodes one of three subunits which combine to form cleavage stimulation factor (CSTF). CSTF is involved in the polyadenylation and 3' end cleavage of pre-mRNAs. Similar to mammalian G protein beta subunits, this protein contains transducin-like repeats. Several transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008],
<b>Function :</b>	domain:N-terminus mediates homodimerization.,domain:The WD6 domain is required for interaction with BARD1. WD domains are responsible for interaction with CSTF3.,function:One of the multiple factors required for polyadenylation and 3'-end cleavage of mammalian pre-mRNAs. May be responsible for the interaction of CSTF with other factors to form a stable complex on the pre-mRNA.,PTM:The N-terminus is blocked.,similarity:Contains 6 WD repeats.,subunit:Homodimer. The CSTF complex is composed of CSTF1 (50 kDa subunit), CSTF2 (64 kDa subunit) and CSTF3 (77 kDa subunit). Interacts directly with CSTF3. Interacts with BARD1.,
<b>Subcellular Location :</b>	Nucleus .
<b>Expression :</b>	Muscle,Testis,

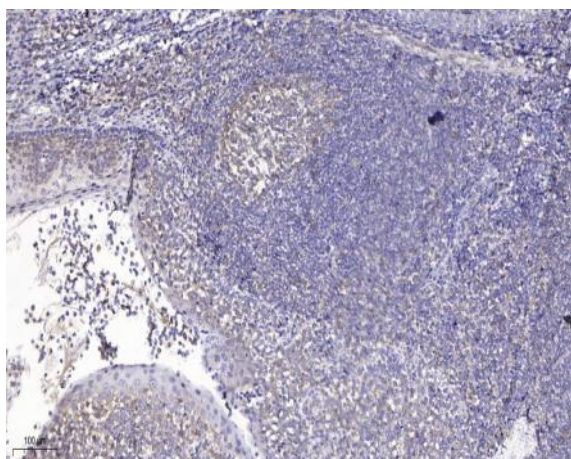
## Products Images



Western Blot analysis of various cells using CstF-50 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from HUVEC and 293 cells, using CSTF1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).