

Rabbit anti-Human CSTF2T/TauCSTF64 Polyclonal Antibody | anti-CSTF2T/TauCSTF64 antibody

Rabbit anti-CSTF2T/TauCSTF64 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211500	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

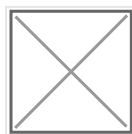
PRODUCT SYNONYMS

CSTF2T/TauCSTF64; Polyclonal Antibody; Rabbit anti-CSTF2T/TauCSTF64 Antibody; Affinity Purified; cleavage stimulation factor; 3' pre-RNA; subunit 2; 64kDa; tau; CstF-64T; CSTF 64 kDa subunit tau variant; tauCstF-64; cleavage stimulation factor subunit 2 tau variant; Cleavage stimulation factor 64 kDa subunit tau variant; cleavage stimulation factor 64 kDa subunit tau; CF-1 64 kDa subunit tau variant; CF-1 64 kDa subunit tau; CSTF 64 kDa subunit tau; cleavage stimulation factor subunit 2; Cleavage stimulation factor subunit 2 tau variant; anti-CSTF2T/TauCSTF64 antibody

PRODUCT SPECIFICATIONS

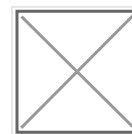
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CSTF2T/TauCSTF64 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 566 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CSTF2T by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (50ug), and Jurkat (50ug) cells. Antibodies: Affinity purified rabbit anti-CSTF2T antibody AAA211500 (lot AAA211500-3) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CSTF2T by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CSTF2T antibody AAA211500 (lot AAA211500-3) used for IP at 6 ug/mg lysate. CSTF2T was also immunoprecipitated by a prior lot (AAA211500-2) of this antibody. For blotting immunoprecipitated CSTF2T, AAA211500 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human CSTF2T/TauCSTF64 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-CSTF2T/TauCSTF64 (Cat. No. AAA211500 Lot3) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CSTF2T/TauCSTF64 antibody	CSTF2T, also known as tauCSTF-64, is a paralog of CstF-64, a component of the cleavage stimulation factor (CstF) that processes 3'-end formation and polyadenylation of mRNAs. The human CSTF2T/TauCSTF64 gene is located at 10q22-23, a site associated with neurological problems and male infertility. CSTF2T is expressed in all tissues and throughout meiosis in male germ cells. CstF-64 is also expressed ubiquitously; however because it is located on the X chromosome, its expression is temporarily silenced in germ cells by meiotic sex chromosome inactivation. During this inactivation, it is hypothesized that CSTF2T/TauCSTF64 can compensate for the loss of CstF-64 expression. Recently, targeted disruption of CSTF2T/TauCSTF64 in mice has been shown to cause aberrant spermatogenesis and infertility providing more evidence for its importance in spermatogenesis.
Product Categories/Family for anti-CSTF2T/TauCSTF64 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14149675
NCBI GeneID	23283
NCBI Accession #	NP_056050.1
NCBI GenBank Nucleotide #	NM_015235.2
UniProt Accession #	Q9H0L4; O75174; Q53HK6; Q7LGE8; Q8N6T1; B2RAR9
Molecular Weight	64,437 Da
NCBI Official Full Name	cleavage stimulation factor subunit 2 tau variant
NCBI Official Synonym Full Names	cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tau variant
NCBI Official Symbol	CSTF2T
NCBI Official Synonym Symbols	CstF-64T
NCBI Protein Information	cleavage stimulation factor subunit 2 tau variant; tauCstF-64; CF-1 64 kDa subunit tau; CSTF 64 kDa subunit tau; cleavage stimulation factor 64 kDa subunit tau
UniProt Protein Name	Cleavage stimulation factor subunit 2 tau variant
UniProt Gene Name	CSTF2T
UniProt Synonym Gene Names	KIAA0689; CSTF 64 kDa subunit tau variant
UniProt Entry Name	CSTFT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cstf2t-taucstf64-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211500>