

Rabbit TAF15 Polyclonal Antibody | anti-TAF15 antibody

TAF15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324076	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TAF15; Polyclonal Antibody; TAF15 Antibody; 68 kDa TATA-binding protein-associated factor; Npl3; RBP56; RBP56_HUMAN; RNA binding protein 56; RNA-binding protein 56; TAF; TAF(II)68; TAF15 RNA polymerase II TATA box binding protein (TBP) associated factor 68kDa; TAF2N; TAFII68; TATA-binding protein-associated factor 2N; anti-TAF15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TAF15 antibody detects endogenous levels of total TAF15
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	589
Applicable Applications for anti-TAF15 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Tissue Specificity	Ubiquitous. Observed in all fetal and adult tissues.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324076 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324076 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using TAF15 antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 and rat spleen, using TAF15 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TAF15 antibody

Function: RNA and ssDNA-binding protein that may play specific roles during transcription initiation at distinct promoters. Can enter the preinitiation complex together with the RNA polymerase II (Pol II).
Subunit Structure: Belongs to the RNA polymerase II (Pol II) transcriptional multiprotein complex, together with the TATA-binding protein (TBP) and other TBP-associated factors (TAF(II)s). Binds SF1.
Post-translational Modifications: Dimethylated by PRMT1 at Arg-206 to asymmetric dimethylarginine. The methylation may favor nuclear localization and positive regulation of TAF15 transcriptional activity. ADP-ribosylated during genotoxic stress.
Similarity: Belongs to the RRM TET family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507353
NCBI GeneID	8148
NCBI Accession #	NP_003478.1
NCBI GenBank Nucleotide #	NM_003487.3
UniProt Accession #	Q92804; Q86X94; Q92751; B2R837
Molecular Weight	Observed: 62 kD Predicted: 62 kDa
NCBI Official Full Name	TATA-binding protein-associated factor 2N isoform 2
NCBI Official Synonym Full Names	TATA-box binding protein associated factor 15
NCBI Official Symbol	TAF15
NCBI Official Synonym Symbols	Npl3; RBP56; TAF2N; TAFII68
NCBI Protein Information	TATA-binding protein-associated factor 2N
UniProt Protein Name	TATA-binding protein-associated factor 2N
UniProt Gene Name	TAF15
UniProt Synonym Gene Names	RBP56; TAF2N; TAF(II)68; TAFII68

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.

