Rabbit TTF1 Polyclonal Antibody | anti-TTF1 antibody

Phospho-TTF1 (Ser23) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328249	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TTF1; Polyclonal Antibody; Phospho-TTF1 (Ser23) Antibody; AV026640; BCH; Benign chorea; BHC; Homeobox protein NK 2 homolog A; Homeobox protein NK-2 homolog A; Homeobox protein Nkx 2.1; Homeobox protein Nkx-2.1; Homeobox protein Nkx2.1; NK 2; NK 2 homolog A; NK2; NK2 homeobox 1; drosophila; homolog of; A; NK2.1; mouse; Nkx 2 1; NKX 2.1; NKX 2A; NKX2 1; Nkx2-1; NKX2.1; NKX21_HUMAN; NKX2A; T EBP; T/EBP; TEBP; Thyroid nuclear factor 1; Thyroid nuclear factor; Thyroid specific enhancer binding protein; Thyroid transcription factor 1; Tin man; Tinman; TITF 1; TITF1; TTF 1; TTF-1; anti-TTF1 antibody

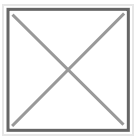
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-TTF1(Ser23) Antibody detects endogenous levels of TTF1 only when phosphorylated at Ser23.
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	371
Applicable Applications for anti-TTF1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TTF1 around the phosphorylation site of Ser23.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

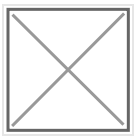
IMAGES

IF (Immunofluorescence)
AAA328249 staining Hela cells(4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF7047 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

WB (Western Blot)
Western blot analysis of Phospho-TTF1(Ser23) in lysates of HeLa?, using Phospho-TTF1(Ser23) Antibody.



IHC (Immunohistochemisry)
At 1/100 staining mouse lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohiostchemistry)
At 1/100 staining rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohistochemistry)
At 1/100 staining human lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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

NCBI AND UNIPROT INFORMATION

NCBI GI #	1174819
NCBI GeneID	7080
UniProt Accession #	P43699
Molecular Weight	42 kDa
NCBI Official Full Name	Homeobox protein Nkx-2.1
NCBI Official Synonym Full Names	NK2 homeobox 1
NCBI Official Symbol	NKX2-1
NCBI Official Synonym Symbols	BCH; BHC; NK-2; TEBP; TTF1; NKX2A; NMTC1; T/EBP; TITF1; TTF-1; NKX2.1
NCBI Protein Information	homeobox protein Nkx-2.1
UniProt Protein Name	Homeobox protein Nkx-2.1
UniProt Gene Name	**NKX2-1**
UniProt Synonym Gene Names	NKX2A; TITF1; TTF1; TTF-1; T/EBP
UniProt Entry Name	NKX21_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ttf1-antibody-immunocytochemistry-immunofluorescence-peptide-elisa-immunohistochemistry-western-blot-elisa/328249