

Rabbit TTF2 Polyclonal Antibody | anti-TTF2 antibody

TTF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323720	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

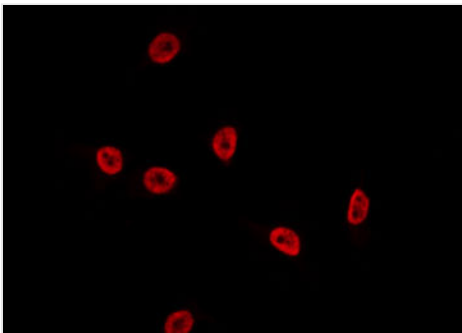
PRODUCT SYNONYMS

TTF2; Polyclonal Antibody; TTF2 Antibody; FKHL 15; FKHL 15; FKHL15; Forkhead (Drosophila) like 15; Forkhead box E1; Forkhead box E2; Forkhead box protein E1; Forkhead box protein E2; Forkhead drosophila homolog like 15; Forkhead like 15; Forkhead related protein FKHL 15; Forkhead related protein FKHL15; Forkhead-related protein FKHL15; FOX E1; FOX E2; FOXE 1; FOXE 2; FOXE1; FOXE1_HUMAN; FOXE2; HFKH 4; HFKH4; HFKL 5; HFKL5; HNF-3/fork head-like protein 5; Thyroid transcription factor 2; TITF 2; TITF2; TTF 2; TTF-2; anti-TTF2 antibody

PRODUCT SPECIFICATIONS

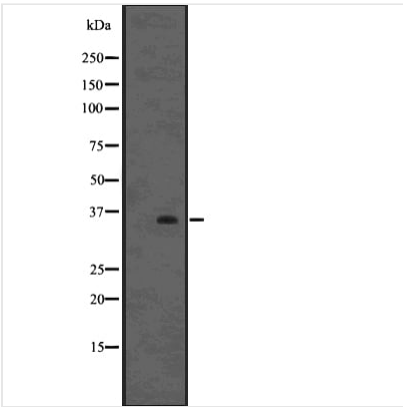
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TTF2 antibody detects endogenous levels of total TTF2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	373
Applicable Applications for anti-TTF2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TTF2
Subcellular Location	Nucleus.
Tissue Specificity	Detected in adult brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, heart, colon, small intestine testis and thymus. Expression was strongest in heart and pancreas.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323720 staining HuvEc 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) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of TTF2 using 293 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-TTF2 antibody	Function: Transcription factor that binds consensus sites on a variety of gene promoters and activate their transcription. Involved in proper palate formation, most probably through the expression of MSX1 and TGFB3 genes which are direct targets of this transcription factor. Also implicated in thyroid gland morphogenesis. May indirectly play a role in cell growth and migration through the regulation of WNT5A expression. Post-translational Modifications: Phosphorylated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21618325
NCBI GeneID	2304
NCBI Accession #	NP_004464.2
NCBI GenBank Nucleotide #	NM_004473.3
UniProt Accession #	O00358; O75765; Q5T109; Q99526
Molecular Weight	Observed: 34 kD Predicted: 39 kDa
NCBI Official Full Name	forkhead box protein E1
NCBI Official Synonym Full Names	forkhead box E1
NCBI Official Symbol	FOXE1
NCBI Official Synonym Symbols	TTF2; FOXE2; HFKH4; HFKL5; NMTC4; TITF2; TTF-2; FKHL15
NCBI Protein Information	forkhead box protein E1
UniProt Protein Name	Forkhead box protein E1
UniProt Gene Name	FOXE1
UniProt Synonym Gene Names	FKHL15; FOXE2; TITF2; TTF2; HFKL5; TTF-2

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.