

Thyroid Transcription Factor 1 Rabbit mAb

Catalog No: #52635

Package Size: #52635-1 50ul #52635-2 100ul

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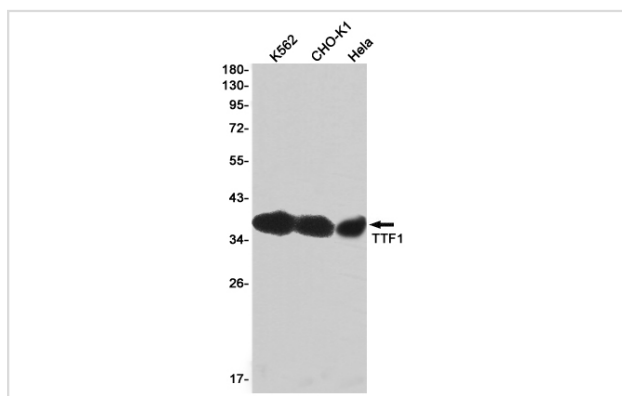
Description

Product Name	Thyroid Transcription Factor 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S09-1H7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human TTF1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	BCH; BHC; NK-2; TEBP; TTF1; NKX2A; NMTC1; T/EBP; TITF1; TTF-1; NKX2.1
Accession No.	Swiss-Prot:P43699GeneID:7080
Calculated MW	Calculated MW: 39 kDa; Observed MW: 39 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of TTF1 in K562,CHO-K1,HeLa cell lysates using TTF1 Rabbit mAb(1:1000 diluted).Predicted band size:39KDa.Observed band size:39KDa.

Background

Swiss-Prot Acc.P43699.Transcription factor that binds and activates the promoter of thyroid specific genes such as thyroglobulin, thyroperoxidase, and thyrotropin receptor. Crucial in the maintenance of the thyroid differentiation phenotype. May play a role in lung development and surfactant homeostasis. Forms a regulatory loop with GRHL2 that coordinates lung epithelial cell morphogenesis and differentiation. Activates the transcription of

GNRHR and plays a role in enhancing the circadian oscillation of its gene expression. Represses the transcription of the circadian transcriptional repressor NR1D1 .

Note: This product is for in vitro research use only and is not intended for use in humans or animals.