
Product Name: TTF1 Rabbit Monoclonal Antibody**Catalog #: AMRe83726**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.39mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100
Molecular Weight	39 kDa

Antigen Information

Gene Name	TTF1
Alternative Names	BCH; BHC; NK-2; TEBP; TTF1; NKX2A; TITF1; TTF-1; NKX2.1;;Nkx 2.1
Gene ID	
SwissProt ID	P43699
Immunogen	A synthesized peptide derived from human Nkx 2.1

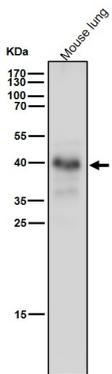
Background

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

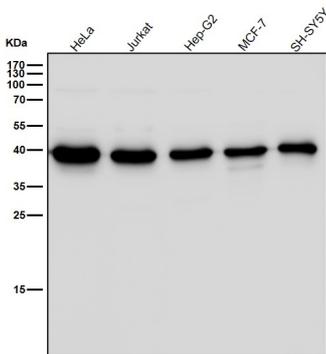
and surfactant homeostasis. Forms a regulatory loop with GRHL2 that coordinates lung epithelial cell morphogenesis and differentiation.

Research Area

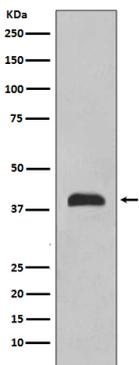
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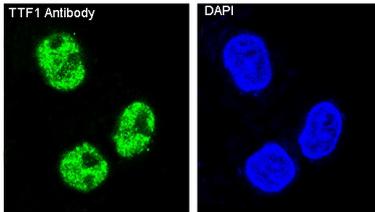
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



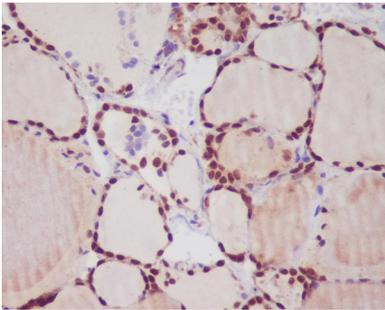
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Western blot analysis of TTF1 expression in 293 cell lysate.



Immunofluorescent analysis of HeLa cells, using TTF1 Antibody .



Immunohistochemical analysis of paraffin-embedded human thyroid, using TTF1 Antibody.