

THYROID TRANSCRIPTION FACTOR 1 RABBIT MAB

Cat.#: N263035

Product Name: Anti-Thyroid Transcription Factor 1 Rabbit Monoclonal Antibody

Synonyms: NKX2-1; NKX2A; TTF1; TTF1; Homeobox protein Nkx-2.1; Homeobox protein NK-2 homolog A; Thyroid nuclear factor 1; Thyroid transcription factor 1; TTF-1

UNIPROT ID: P43699

Background: This gene encodes a protein initially identified as a thyroid-specific transcription factor. The encoded protein binds to the thyroglobulin promoter and regulates the expression of thyroid-specific genes but has also been shown to regulate the expression of genes involved in morphogenesis. Mutations and deletions in this gene are associated with benign hereditary chorea, choreoathetosis, congenital hypothyroidism, and neonatal respiratory distress, and may be associated with thyroid cancer.

Immunogen: A synthetic peptide of human TTF1

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R09-1H7

MW: Calculated MW: 39 kDa; Observed MW: 39 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Hamster

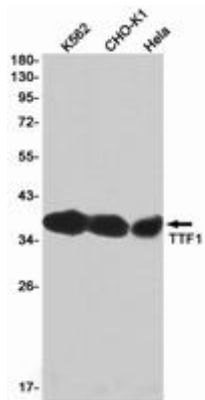
Conjugation: Unconjugated

Modification: Unmodified

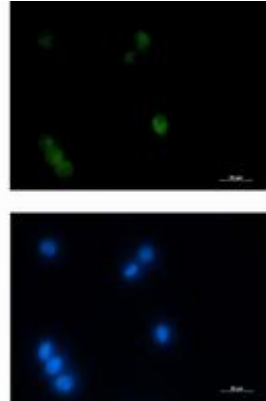
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of TTF1 in K562, CHO-K1, HeLa lysates using TTF1 antibody.



Immunocytochemistry analysis of Thyroid Transcription Factor 1 (green) in K562 using Thyroid Transcription Factor 1 antibody, and DAPI (blue).