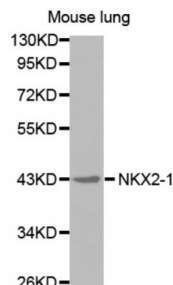


Thyroid Transcription Factor 1 (NKX2-1) Antibody

Catalogue No.: abx002227



Western blot analysis of extracts of mouse lung cell line, using NKX2-1 antibody.

NKX2-1 Antibody is a Rabbit Polyclonal antibody against NKX2-1. 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. Multiple transcript variants encoding different isoforms have been found for this gene. This gene shares the symbol/alias 'TFF1' with another gene, transcription termination factor 1, which plays a role in ribosomal gene transcription.

Target: NKX2-1

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: A synthetic peptide of human NKX2-1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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Molecular Weight:	Calculated MW: 38 kDa/41 kDa Observed MW: Refer to Figures
Swiss Prot:	P43699
GeneID:	7080
Gene Symbol:	NKX2-1
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.