

## Anti-Phospho-NKX2-1 (Ser327) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 38 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

## Applications

Application:	WB
Recommended	WB: 1:1000-2000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human TTF-1 around the phosphorylation site of Ser327
Antigen Species:	Human
Uniprot ID:	P43699
Synonyms:	NKX2-1 (p-Ser327);p-NKX2-1 (Ser327);NKX2-1 (p-S327);p-NKX2-1 (S327)

## Research Background

NK2 homeobox 1(NKX2-1) Homo sapiens 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 'TTF1' with another gene, transcription termination factor 1, which plays a role in ribosomal gene transcription. [provided by RefSeq, Feb 2014],

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