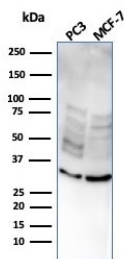


## NKX2.8 Antibody [clone NKX28/2547] (V7802)

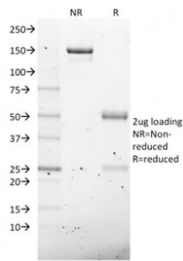
Catalog No.	Formulation	Size
V7802-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7802-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7802SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	NKX28/2547
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	O15522
<b>Applications</b>	Western Blot : 1-2ug/ml
<b>Limitations</b>	This NKX2.8 antibody is available for research use only.



Western blot testing of human PC-3 and MCF-7 cell lysate with NKX2.8 antibody. Predicted molecular weight ~26 kDa, commonly observed at 26-34 kDa.



SDS-PAGE analysis of purified, BSA-free NKX2.8 antibody as confirmation of integrity and purity.

## Description

The protein encoded by this gene is a homeobox-containing developmental regulator associated with liver development. The encoded protein binds to the alpha-fetoprotein (AFP) gene promoter and increases the expression of AFP. This gene is overexpressed in some lung cancers and is linked to poor patient survival, possibly due to its resistance to cisplatin. This gene is aberrantly methylated in pancreatic cancer, deleted in squamous cell lung carcinomas, and acts as a tumor suppressor in esophageal cancer. Mutations in this gene may also be a cause of neural tube defects.

For highly specific detection of developmental transcriptional regulation pathways, see our NKX2.8 Antibody / Homeobox Transcription Factor Antibody page featuring clone NKX28/3233R with western blot validation data supporting lineage-associated transcription factor signaling studies.

## Application Notes

Optimal dilution of the NKX2.8 antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein (amino acids 10-123) was used as the immunogen for the NKX2.8 antibody.

## Storage

Store the NKX2.8 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).