

A8093

Leader in Biomolecular Solutions for Life Science



## NKX3-2 Rabbit pAb

Catalog No.: A8093

### Basic Information

#### Observed MW

40kDa/46kDa

#### Calculated MW

35kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in cell differentiation; negative regulation of chondrocyte differentiation; and regulation of transcription by RNA polymerase II. Predicted to act upstream of or within several processes, including animal organ development; embryonic skeletal system development; and intestinal epithelial cell development. Predicted to be part of chromatin. Predicted to be active in nucleus.

### Recommended Dilutions

**WB** 1:100 - 1:500

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

579

#### Swiss Prot

P78367

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

#### Synonyms

SMMD; BAPX1; NKX3B; NKX3.2; NKX3-2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

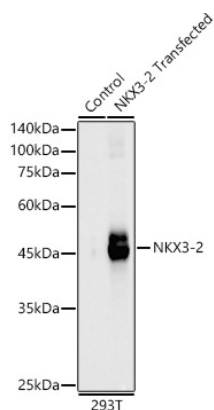
Affinity purification

#### Storage

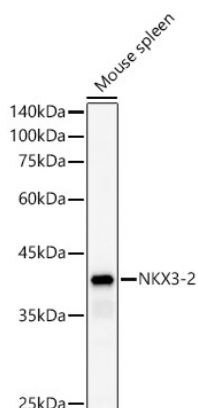
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with NKX3-2, using NKX3-2 Rabbit pAb (A8093) at 1:500 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Western blot analysis of lysates from Mouse spleen, using NKX3-2 Rabbit pAb (A8093) at 1:500 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.