

NKX3-2 Rabbit pAb

CatalogNo: YN7770

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 37kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human NKX3-2

Specificity This antibody detects endogenous levels of NKX3-2 at Human, Mouse

Target Information

Gene name NKX3-2 BAPX1 NKX3B

Protein Name	Homeobox protein Nkx-3.2 (Bagpipe homeobox protein homolog 1) (Homeobox protein NK-3 homolog B)		
	Organism	Gene ID	UniProt ID
	Human	579 ;	P78367 ;
	Mouse	12020 ;	P97503 ;
Cellular Localization	Nucleus .		
Tissue specificity	Expressed at highest levels in cartilage, bone (osteosarcoma) and gut (small intestine and colon), whereas moderate expression is seen in trachea and brain. Expressed in visceral mesoderm and embryonic skeleton.		
Function	Transcriptional repressor that acts as a negative regulator of chondrocyte maturation. PLays a role in distal stomach development; required for proper antral-pyloric morphogenesis and development of antral-type epithelium. In concert with GSC, defines the structural components of the middle ear; required for tympanic ring and gonium development and in the regulation of the width of the malleus (By similarity).		

Validation Data

Contact information

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NKX3-2 Rabbit pAb

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