



# Nkx-2.4 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-15780                                                                                                                                                                                                                                                 |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                            |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>                   | NKX2-4                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human NKX24. AA range:10-59                                                                                                                                                             |
| <b>Specificity</b>                 | Nkx-2.4 Polyclonal Antibody detects endogenous levels of Nkx-2.4 protein.                                                                                                                                                                                   |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                     |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                      |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                       |
| <b>Dilution</b>                    | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.                                                                                                                                                                         |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                     |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                        |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                |
| <b>Synonyms</b>                    | Homeobox protein NK 2 homolog D;Homeobox protein NK-2 homolog D; Homeobox protein Nkx-2.4;Homeobox protein NKX2.4;NK2 homeobox 4;NK2 homolog D;NK2 transcription factor homolog D;NK2 transcription factor related locus 4;Nkx2-4;NKX24_HUMAN;NKX2D;Nkx-2.4 |
| <b>Observed Band</b>               | 40kD                                                                                                                                                                                                                                                        |
| <b>Calculated Molecular Weight</b> | 40kD                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>                | Nucleus .                                                                                                                                                                                                                                                   |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                             |
| <b>Function</b>                    | function:Probable transcription factor.,similarity:Belongs to the NK-2 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,                                                                                                                 |
| <b>Background</b>                  | function:Probable transcription factor.,similarity:Belongs to the NK-2 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,                                                                                                                 |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                        |

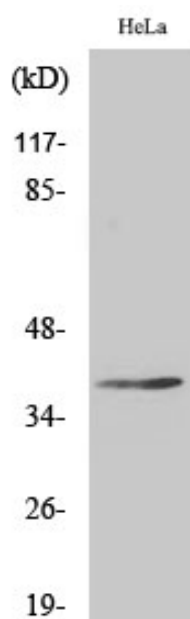
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

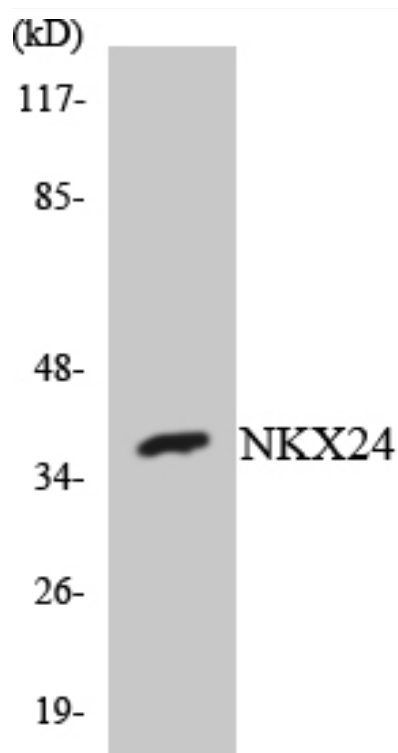
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## Products Images



Western Blot analysis of various cells using Nkx-2.4 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of the lysates from K562 cells using NKX24 antibody.