

## NKX2-5 Rabbit Polyclonal Antibody

### Catalog #: EAB14304

| Host/Isotype | Clonality  | Applications | MW (kDa) | Reactivity        |
|--------------|------------|--------------|----------|-------------------|
| Rabbit IgG   | Polyclonal | WB, IF/ICC   | 35       | Human, Mouse, Rat |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|  |            |
|--|------------|
| <b>WB</b> (Western Blotting)                           | 1:500-2000 |
| <b>IF/ICC</b> (Immunofluorescence/Immunocytochemistry) | 1:50-300   |

### Product Information

|                       |   |
|-----------------------|---|
| <b>Conjugate</b>      | Unconjugate   |
| <b>Specificity</b>    | NKX2-5 Rabbit Polyclonal Antibody detects endogenous levels of NKX2-5 protein.  |
| <b>Purification</b>   | Affinity purification   |
| <b>Concentration</b>  | 1mg/ml  |
| <b>Format</b>         | Liquid  |
| <b>Formulation</b>    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.   |
| <b>Shipping</b>       | Gel Pack  |
| <b>Storage</b>        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks. |
| <b>UniProt ID</b>     | <a href="#">P52952</a>  |
| <b>Entrez-Gene ID</b> | <a href="#">1482</a>  |

### Product Description

This gene encodes a homeobox-containing transcription factor. This transcription factor functions in heart formation and development. Mutations in this gene cause atrial septal defect with atrioventricular conduction defect, and also tetralogy of Fallot, which are both heart malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-goitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants.

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