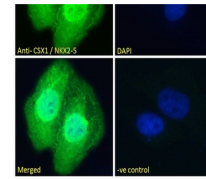
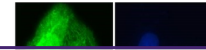
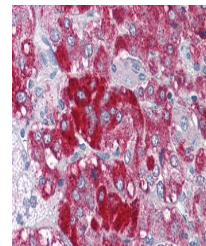

Product Datasheet

NKX2-5 Antibody (orb1249612)

| | |
|----------------------------|--|
| Description | NKX2-5 Antibody |
| Species/Host | Goat |
| Reactivity | Human, Mouse |
| Conjugation | Unconjugated |
| Tested Applications | ELISA, IF, WB |
| Immunogen | The immunogen for this antibody is: C-PRAYSDPDPKDPK |
| Target | NKX2-5 |
| Preservatives | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Form/Appearance | Liquid |
| Concentration | 500 ug/mL |
| Storage | Aliquot and store at -20°C. Minimize freezing and thawing. |
| Note | For research use only |
| Application notes | Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 40-45kDa band observed in Mouse Heart lysates (calculated MW of 34.2kDa according to NP_032726.1). Preliminary experiments also showed an approx 45kDa band in Human and Rat Heart lysates. The observed molecular weight corresponds to earlier findings in literature with different antibodies (Shiojima et al, Circ Res. 1996 Nov;79(5):920-9.; PMID: 8888684). Recommended concentration: 0.1-0.5ug/ml. Primary incubation 1 hour at room temperature. Immunofluorescence: Strong expression of the protein seen in the nucleus and cytoplasm of U2OS cells. Recommended concentration: 10ug/ml. |
| Clonality | Polyclonal |
| Uniprot ID | P52952 |
| NCBI | NP_001159647.1 , NP_001159648.1 , NP_004378.1 |
| Dilution Range | Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 40-45kDa band observed in Mouse Heart lysates (calculated MW of 34.2kDa according to NP_032726.1). Preliminary experiments also showed an approx 45kDa band in Human and Rat Heart lysates. The observed molecular weight corresponds to earlier findings in literature with different antibodies (Shiojima et al, Circ Res. 1996 Nov;79(5):920-9.; PMID: |



orb1249612 (0.3 ug/ml) staining of Mouse...



orb1249612 (3.75 ug/ml) staining of para...



orb1249612 Immunofluorescence analysis o...