Product Data Sheet

Anti-human NKX3.1 IgG, 1.0 mg
Catalog Number: 0314

Product Description

Anti-human NKX3.1 is the IgG fraction from rabbit anti-sera generated by immunizing the animals with purified recombinant human NKX3.1 protein. The immunogen corresponds to the amino-terminal 123 amino acids of the human protein. The IgG fraction was prepared by Protein A affinity chromatography.

NKX3.1 is located on human chromosome 8p21.1. It is an androgen-regulated homeodomain gene with the expression of the NKX3.1 protein predominantly localized to prostate epithelial cells.

Instructions for Use

Reconstitute the antibody by resuspending in 1.0 ml of sterile deionized water. Allow to completely dissolve by incubating on ice for 20 min. This will yield a 1 mg/ml solution of anti-NKX3.1 Ig in 1X PBS. Store at 4°C. Alternatively, dilute into the desired immunoassay buffer at the working concentration and use immediately. Do not store the antibody at the working concentration.

For use in immunohistochemistry, dilute to 1 µg/ml in PBS or 1% BSA. The concentration of antibody needed for optimal results may vary and should be verified. For formalin-fixed paraffin embedded tissues, perform high-temperature antigen retrieval in 1mM EDTA, pH 8.0.

For use in Western blot, dilute to 0.5-1.0 µg/ml in Tris or phosphate buffered saline pH 7.3 with 2% carrier protein. The concentration of antibody needed for optimal results may vary and should be verified.

For other types of immunoassays, it is recommended that the antibody be titrated to determine the optimal concentration.

Material Safety Data

FOR RESEARCH USE ONLY. NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. Do not ingest, swallow or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. For complete safety information see full Material Safety Data Sheet.

Storage Conditions

Store product desiccated at -20°C.
Store reconstituted product at 4°C.

References