

Product datasheet

Anti-RFX3 antibody ab92670

2 Images

Overview

Product name	Anti-RFX3 antibody
Description	Rabbit polyclonal to RFX3
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to an internal sequence of Human RFX3.
Positive control	IHC-P: Human colon carcinoma tissue; WB: extracts from RAW264.7 or COLO cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab92670** in the following tested applications.

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

Application	Abreviews	Notes
WB		
ELISA		
IHC-P		

Application notes ELISA: 1/40000.

IHC-P: 1/50 - 1/100.

WB: 1/500 - 1/1000. Predicted molecular weight: 84 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Transcription factor required for ciliogenesis and islet cell differentiation during endocrine pancreas development. Essential for the differentiation of nodal monocilia and left-right asymmetry specification during embryogenesis. Required for the biogenesis of motile cilia by governing growth and beating efficiency of motile cells. Also required for ciliated ependymal cell differentiation. Regulates the expression of genes involved in ciliary assembly (DYNC2LI1, FOXJ1 and BBS4) and genes involved in ciliary motility (DNAH11, DNAH9 and DNAH5) (By similarity). Together with RFX6, participates in the differentiation of 4 of the 5 islet cell types during endocrine pancreas development, with the exception of pancreatic PP (polypeptide-producing) cells. Regulates transcription by forming a heterodimer with another RFX protein and binding to the X-box in the promoter of target genes. Acts as a transcription factor. Represses transcription of MAP1A in non-neuronal cells but not in neuronal cells.

Sequence similarities

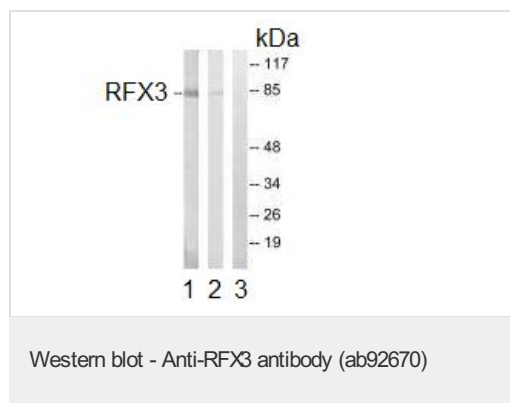
Belongs to the RFX family.

Contains 1 H-T-H motif winged-type DNA-binding domain.

Cellular localization

Nucleus.

Images



All lanes : Anti-RFX3 antibody (ab92670) at 1/500 dilution

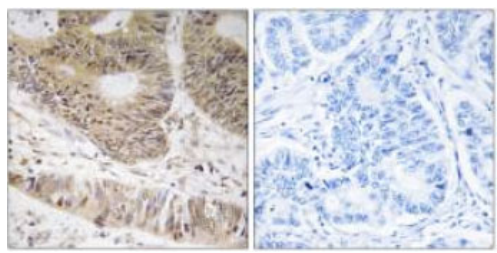
Lane 1 : extracts from RAW264.7 cells

Lane 2 : extracts from COLO cells

Lane 3 : extracts from RAW264.7 cells with immunizing peptide at 5 μ g

Lysates/proteins at 10 μ g per lane.

Predicted band size: 84 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RFX3 antibody (ab92670)

Left panel: ab92670 at 1/50 dilution staining RFX3 in paraffin-embedded Human colon carcinoma tissue.

Right panel: same, after pre-incubation with the immunizing peptide.

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