RFX6 Polyclonal antibody

Catalog Number:22551-1-AP

Featured Product   **1 Publications**

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Basic Information

Catalog Number:
22551-1-AP

Size:
150ul , Concentration: 800 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG18235

GenBank Accession Number:
BC039248

GeneID (NCBI):
222546

UNIPROT ID:
Q8HWS3

Full Name:
regulatory factor X, 6

Calculated MW:
928 aa, 102 kDa

Observed MW:
102 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human

Cited Species:
human

Positive Controls:

WB : Caco-2 cells,

Background Information

The RFX proteins represent an essential class II transcription factor family that share several conserved regions, including a centrally located DNA-binding domain (DBD) and a C-terminal D region that facilitates dimerization. RFX6, also known as RFXDC1, is a 928 amino acid nuclear protein that, via interactions with other RFX proteins, can bind DNA and is thought to activate the transcription of target genes. RFX6 is specifically expressed in pancreas, small intestine and colon. Mutations in the gene encoding RFX6 is the cause of the Mitchell-Riley syndrome (MIRIS), which is characterized by neonatal diabetes, duodenal and jejunal atresia, a hypoplastic or annular pancreas and absent gallbladder.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhiyu Qiu	38093528	Clin Transl Med	WB,IHC

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage
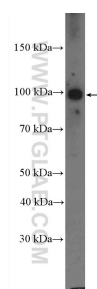
*** 20ul sizes contain 0.1% BSA

Selected Validation Data

Caco-2 cells were subjected to SDS PAGE followed by western blot with 22551-1-AP (RFX6 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.