

## Rabbit anti-Human RFXANK Polyclonal Antibody | anti-RFXANK antibody

RFXANK Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA234600 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

RFXANK; Polyclonal Antibody; RFXANK Antibody; DNA-binding protein RFXANK; Ankyrin repeat family A protein 1; Regulatory factor X subunit B; RFX-B; Regulatory factor X-associated ankyrin-containing protein; ANKRA1; RFXB; anti-RFXANK antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                           |
| Reactivity                                       | Human                                                                            |
| Clonality                                        | Polyclonal                                                                       |
| Isotype                                          | IgG                                                                              |
| Purity/Purification                              | >95%, Protein G purified                                                         |
| Form/Format                                      | Liquid                                                                           |
| Sequence Length                                  | 238                                                                              |
| Applicable Applications for anti-RFXANK antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA    |
| Immunogen                                        | Recombinant Human DNA-binding protein RFXANK protein (3-84AA)                    |
| Conjugation                                      | Non-conjugated                                                                   |
| Buffer                                           | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES



#### IHC (Immunohistochemistry)

Immunofluorescence staining of PC3 cells with AAA234600 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### IHC (Immunohistochemistry)

IHC image of AAA234600 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### WB (Western Blot)

Western BlotPositive WB detected in: 293T whole cell lysate, SH-SY5Y whole cell lysateAll lanes: RFXANK antibody at 6.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 29, 25, 26 KDaObserved band size: 29 KDa

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RFXANK antibody | Activates transcription from class II MHC promoters. Activation requires the activity of the MHC class II transactivator/CIITA. May regulate other genes in the cell. RFX binds the X1 box of MHC-II promoters (PubMed:9806546, PubMed:10072068, PubMed:10725724). May also potentiate the activation of RAF1 (By similarity). |
| Product Categories/Family for anti-RFXANK antibody   | Immunology                                                                                                                                                                                                                                                                                                                     |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 523498361                                                 |
| NCBI GeneID                      | 8625                                                      |
| NCBI Accession #                 | NP_001265656.1                                            |
| NCBI GenBank Nucleotide #        | NM_001278727.1                                            |
| UniProt Accession #              | O14593; O95839; Q24JQ1; Q6FGA8                            |
| Molecular Weight                 | 25,652 Da                                                 |
| NCBI Official Full Name          | DNA-binding protein RFXANK isoform c                      |
| NCBI Official Synonym Full Names | regulatory factor X associated ankyrin containing protein |
| NCBI Official Symbol             | RFXANK                                                    |
| NCBI Official Synonym Symbols    | BLS; RFX-B; ANKRA1; F14150_1                              |
| NCBI Protein Information         | DNA-binding protein RFXANK                                |
| UniProt Protein Name             | DNA-binding protein RFXANK                                |
| UniProt Gene Name                | RFXANK                                                    |
| UniProt Synonym Gene Names       | ANKRA1; RFXB; RFX-B                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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