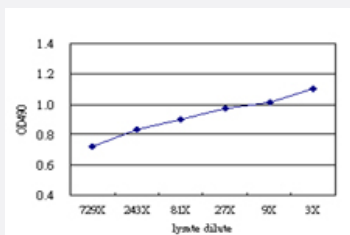


RFXANK (Human) Matched Antibody Pair

Catalog # H00008625-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the RFXANK 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human RFXANK.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (72)
Quality Control Testing	Standard curve using RFXANK 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the RFXANK 293T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-RFXANK (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-RFXANK (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

Gene Info — RFXANK

Entrez GeneID [8625](#)

Gene Name RFXANK

Gene Alias ANKRA1, BLS, F14150_1, MGC138628, RFX-B

Gene Description regulatory factor X-associated ankyrin-containing protein

Omim ID [209920 603200](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. This protein contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B. Two transcript variants encoding different isoforms have been described for this gene, with only one isoform showing activation activity. [provided by RefSeq]

Other Designations

DNA-binding protein RFXANK|RFX-Bdelta4|ankyrin repeat-containing regulatory factor X-associated protein|regulatory factor X subunit B

Pathway

- [Antigen processing and presentation](#)
- [Primary immunodeficiency](#)