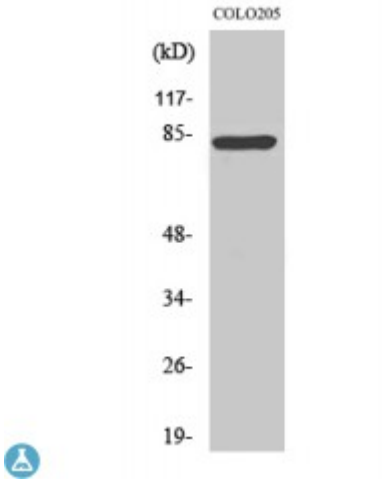
Anti-RFX3 antibody



Description	Rabbit polyclonal to RFX3.

Model	STJ95431
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human RFX3
Immunogen Region	610-690 aa, C-terminal
Gene ID	5991
Gene Symbol	RFX3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	RFX3 Polyclonal Antibody detects endogenous levels of RFX3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcription factor RFX3 Regulatory factor X 3
Molecular Weight	84 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9984OMIM:601337
Alternative Names	Transcription factor RFX3 Regulatory factor X 3
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) . 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 . Represses transcription of MAP1A in non-neuronal cells but not in neuronal cells .
Cellular Localization	Nucleus