

FNBP4 Rabbit pAb

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Catalog # AP56157

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8N3X1
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110266
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FNBP4
Epitope Specificity	921-1017/1017
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FNBP4 is a 1,017 amino acid protein that contains two WW domains and binds to the Arg/Gly-rich-flanked Pro-rich domains of Formin 1, possibly regulating Formin 1 function. In response to DNA damage, FNBP4 is subject to post-translational phosphorylation, probably by ATM or ATR. The gene encoding FNBP4 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

Additional Information

Gene ID	23360
Other Names	Formin-binding protein 4, Formin-binding protein 30, FNBP4, FBP30, KIAA1014
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FNBP4
Synonyms	FBP30, KIAA1014
Tissue Location	Highly expressed in the eye.

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