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Rabbit Anti-FNBP4 antibody

SL16156R

Product Name:	FNBP4
Chinese Name:	FNBP4蛋白抗体
Alias:	DKFZp779I1064; FBP30; FNBP4_HUMAN; FLJ41904; FNBP 4; Formin binding protein 30; Formin binding protein 4; KIAA1014.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	110kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FNBP4:921-1017/1017
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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. **Function:** FNBP4 (Formin binding protein 4) binds FMN1. It contains 2 WW domains which interact with the Arg/Gly-rich-flanked Pro-rich domains of KHDRBS1/SAM68. Arginine methylation in these regions has no effect on this binding. **Similarity:** Contains 2 WW domains. **SWISS:** Q8N3X1 **Gene ID:** 23360 **Database links:** Entrez Gene: 23360 Human Entrez Gene: 55935 Mouse Entrez Gene: 311183 Rat SwissProt: Q8N3X1 Human SwissProt: Q6ZQ03 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.