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ANR49 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4966c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q8WVL7
Other Accession	NP_060174
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25774
Calculated MW	27290
Antigen Region	80-109

Additional Information

Gene ID	54851
Other Names	Ankyrin repeat domain-containing protein 49, Fetal globin-inducing factor, ANKRD49, FGIF
Target/Specificity	This ANR49 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-109 amino acids from the Central region of human ANR49.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ANR49 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

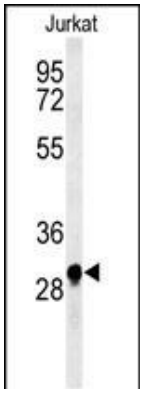
Name	ANKRD49
Synonyms	FGIF

Function	Induces HBG1 expression (PubMed: 11162141, PubMed:16131492). May have a role in spermatogenesis where it promotes autophagy in response to serum starvation, via the NF-kappaB pathway (By similarity).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q8VE42}.
Tissue Location	Widely expressed in fetus, at a high level in fetal liver, brain and lung.

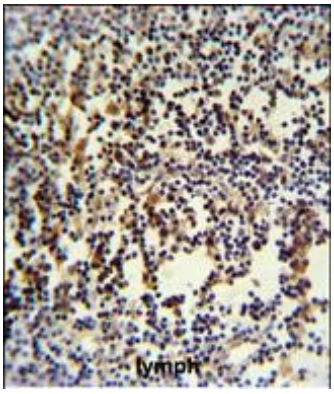
References

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Pitts, S.A., et al. Hum. Mol. Genet. 10(11):1155-1162(2001)
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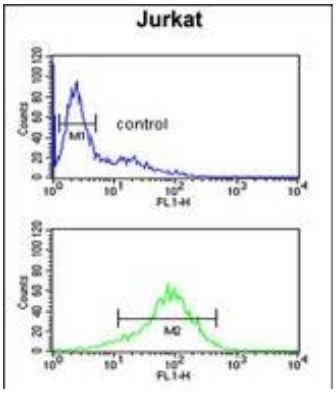
Images



Western blot analysis of ANR49 Antibody (Center) (Cat. #AP4966c) in Jurkat cell line lysates (35ug/lane). ANR49 (arrow) was detected using the purified Pab.



ANR49 Antibody (Center) (Cat. #AP4966c) IHC analysis in formalin fixed and paraffin embedded human lymph carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ANR49 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



ANR49 Antibody (Center) (Cat. #AP4966c) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.