

Rabbit anti-Human ANR49 Polyclonal Antibody | anti-ANKRD49 antibody

ANR49 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287107	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ANR49; Polyclonal Antibody; ANR49 Antibody (Center); Ankyrin repeat domain-containing protein 49; Fetal globin-inducing factor; ANKRD49; FGIF; anti-ANKRD49 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	80-109
Sequence Length	239
Applicable Applications for anti-ANKRD49 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ANR49 Antibody (Center) 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.



IHC (Immunohistochemistry)

ANR49 Antibody (Center) 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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

References	Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009) Blau, C.A., et al. J. Biol. Chem. 280(44):36642-36647(2005) Pitts, S.A., et al. Hum. Mol. Genet. 10(11):1155-1162(2001) Yang, Y., et al. Blood Cells Mol. Dis. 27(1):1-15(2001)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41350198
NCBI GeneID	54851
NCBI Accession #	NP_060174.2
NCBI GenBank Nucleotide #	NM_017704.2
UniProt Accession #	Q8WVL7; Q8NDF2; Q96JE5; Q9NXK7
Molecular Weight	27290
NCBI Official Full Name	ankyrin repeat domain-containing protein 49
NCBI Official Synonym Full Names	ankyrin repeat domain 49
NCBI Official Symbol	ANKRD49
NCBI Official Synonym Symbols	FGIF; GBIF
NCBI Protein Information	ankyrin repeat domain-containing protein 49
UniProt Protein Name	Ankyrin repeat domain-containing protein 49
UniProt Gene Name	ANKRD49
UniProt Synonym Gene Names	FGIF
UniProt Entry Name	ANR49_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/anr49-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287107>