

Rabbit FNDC5 Polyclonal Antibody | anti-FNDC5 antibody

FNDC5 Antibody (C-term)

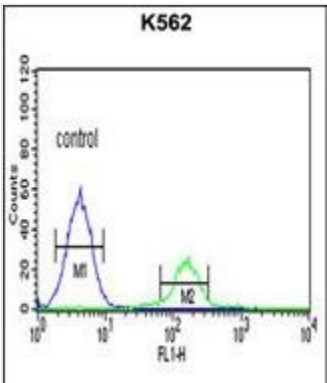
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296699	Rabbit	Human Predicted Reactivity: Zebrafish, Mouse, Rat	Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

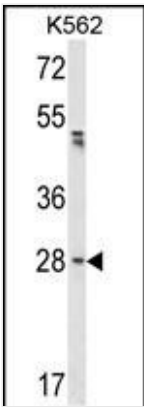
FNDC5; Polyclonal Antibody; FNDC5 Antibody (C-term); Fibronectin type III domain-containing protein 5; Fibronectin type III repeat-containing protein 2; Irisin; FRCP2; anti-FNDC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Zebrafish, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This FNDC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-185 amino acids from the C-terminal region of human FNDC5.
Purity/Purification	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.
Applicable Applications for anti-FNDC5 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Antigen Region	159-185
Cellular Location	Cell membrane; Single-pass type I membrane protein Peroxisome membrane; Single-pass type I membrane protein. Note=Imported in peroxisomes through the PEX5 receptor pathway.
Tissue Location	Widely expressed, with highest levels in heart. Very low expression, if any, in colon, pancreas and spleen
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Dilution: FC 1:10~50FNDC5 Antibody (C-term) (Cat. #AAA296699) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Dilution: WB 1:1000Western blot analysis of FNDC5 Antibody (C-term) (Cat. #AAA296699) in K562 cell line lysates (35ug/lane). FNDC5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FNDC5 antibody	Contrary to mouse, may not be involved in the beneficial effects of muscular exercise, nor in the induction of browning of human white adipose tissue.
Product Categories/Family for anti-FNDC5 antibody	Primary Antibodies; Cell Biology; Metabolism
References	Teufel, A., et.al., Gene 297 (1-2), 79-83 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	511093995
NCBI GeneID	252995
NCBI Accession #	NP_001165411.2; NP_001165412.1; NP_715637.2
NCBI GenBank Nucleotide #	NM_001171940.1
UniProt Accession #	Q8NAU1; Q8K3V5; Q8K4Z2; Q1L867
Molecular Weight	15,527 Da
NCBI Official Full Name	fibronectin type III domain-containing protein 5 isoform 3 preproprotein
NCBI Official Synonym Full Names	fibronectin type III domain containing 5
NCBI Official Symbol	FNDC5
NCBI Official Synonym Symbols	FRCP2; irisin
NCBI Protein Information	fibronectin type III domain-containing protein 5; fibronectin type III repeat-containing protein 2
UniProt Protein Name	Fibronectin type III domain-containing protein 5
UniProt Gene Name	FNDC5
UniProt Synonym Gene Names	FRCP2
UniProt Entry Name	FNDC5_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.