

bs-13192R**[Primary Antibody]****FNDC4 Rabbit pAb**

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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 64838 Target: FNDC4 Immunogen: KLH conjugated synthetic peptide derived from human FNDC4: 101-200/234. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Fibronectins are multi-domain glycoproteins that bind to a variety of substances including collagen, actin, heparin, DNA, fibrin and fibronectin receptors. They are involved in a diverse array of important functions such as blood coagulation, wound healing, cell adhesion, cell differentiation and migration. FNDC4 (Fibronectin type III domain-containing protein 4), also known as FRCP1 (Fibronectin type III repeat-containing protein 1), is a 234 amino acid membrane protein that contains one fibronectin type-III domain, which serves as a binding site for DNA, heparin or the cell surface. The gene encoding FNDC4 is localized to human chromosome two, which houses over 1,400 genes and comprises nearly 8% of the human genome.	Isotype: IgG SWISS: Q9H6D8	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 21 kDa Subcellular Location: Secreted ,Cell membrane
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— SELECTED CITATIONS —

- **[IF=3.694]** Zhao Wang . et al. Fibronectin type III domain-containing 4 promotes the migration and differentiation of bovine skeletal muscle-derived satellite cells via focal adhesion kinase. Cell Adhes Migr. 2020;14(1):153-164 WB,IF,IP ;Bovine. 32881638
- **[IF=4.452]** Baolin Wang. et al. FNDC4 acts as an extracellular factor to promote the invasiveness of hepatocellular carcinoma partly via the PI3K/Akt signalling pathway. 2021 Aug 21 IHC ;Human. 34418326