
IZUMO1 Rabbit pAb

Catalog Number: bs-17192R

Target Protein: IZUMO1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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)

Predicted MW: 39 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 284359

Swiss Prot: Q8IYV9

Source: KLH conjugated synthetic peptide derived from human IZUMO1: 151-250/350.

Purification: affinity purified by Protein A

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: The sperm-specific protein Izumo, named for a Japanese shrine dedicated to marriage, is essential for sperm-egg plasma membrane binding and fusion (Inoue et al., 2005 [PubMed 15759005]).[supplied by OMIM, Mar 2008]

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.8] Xiong Lai. et al. Participation of WD repeat-containing protein 54 (WDR54) in rat sperm-oocyte fusion through interaction with both IZUMO1 and JUNO. THERIOGENOLOGY. 2024 Jan;214:286 IF ; Rat . 37951137