

**bs-17192R**

**[ Primary Antibody ]**

## IZUMO1 Rabbit pAb



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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat)  <b>Predicted MW.:</b> 39 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 284359	<b>SWISS:</b> Q8IYV9	
<b>Target:</b> IZUMO1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human IZUMO1: 151-250/350. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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]		

### — SELECTED CITATIONS —

- **[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