

bs-11006R**[Primary Antibody]****FAM70A Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) 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, Rabbit, Sheep, Dog, Horse) Predicted MW.: 38 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 55026	SWISS: Q5JRV8	
Target: FAM70A		
Immunogen: KLH conjugated synthetic peptide derived from human FAM70A: 1-100/394.		
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: The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. There are a number of conditions related to an unusual number and combination of sex chromosomes being inherited. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome. The FAM70A gene product has been provisionally designated FAM70A pending further characterization.		

— SELECTED CITATIONS —

- **[IF=5.753]** Zhang NN et al. Fam70A binds Wnt5a to regulate meiosis and quality of Mouseoocytes. Cell Prolif. 2020 Jun;53(6):e12825. WB,IHC,IF,IP ;Mouse. 32391621