

bs-12165R**[Primary Antibody]****FAM62C Rabbit pAb****BioSS**
ANTIBODIES

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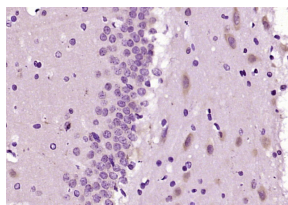
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 83850	SWISS: A0FGR9	
Target: FAM62C		Reactivity: Rat (predicted: Human, Mouse, Pig, Sheep, Cow, Dog)
Immunogen: KLH conjugated synthetic peptide derived from human FAM62C: 101-200/886.		
Purification: affinity purified by Protein A		Predicted MW.: 100 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane
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: Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. The FAM62C gene product has been provisionally designated FAM62C pending further characterization.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM62C) Polyclonal Antibody, Unconjugated (bs-12165R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=9.4]** Luo Zan. et al. Overexpression of ESYT3 improves radioimmune responses through activating cGAS-STING pathway in lung adenocarcinoma. EXP HEMATOL ONCOL. 2024 Dec;13(1):1-19 IF,CoIP,WB ;Human. 39103908
- **[IF=8.3]** SarkarParamita. et al. Lipid transporters E-Syt3 and ORP5 regulate epithelial ion transport by controlling phosphatidylserine enrichment at ER/PM junctions. EMBO J. 2025 五月 27 CoIP,WB ;Mouse,Human. 40425857

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.