

bs-5123R**[Primary Antibody]****Anterior Gradient 2 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Chicken, Dog, Horse) Predicted MW.: 20 kDa Subcellular Location: Secreted ,Cytoplasm
Clonality: Polyclonal		
GeneID: 10551	SWISS: Q95994	
Target: Anterior Gradient 2		
Immunogen: KLH conjugated synthetic peptide derived from human Anterior Gradient 2: 51-150/175.		
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: AGR2 is a member of the anterior gradient homolog family. It is the human ortholog of XAG-2, the secreted <i>Xenopus laevis</i> Anterior Gradient protein. In <i>X. laevis</i> , it is involved in cement gland differentiation and neural marker gene expression. AGR2 is a secretory protein encoded by two different AGR2 transcripts. It interacts with LYPD3 and ?dystroglycan (DAG-1). AGR2 is ubiquitously expressed with up-regulated expression in prostate cancer, breast cancer, lung cancer, renal carcinomas and endometrial carcinomas. AGR2 expression is positively correlated with that of the estrogen receptor (ER) and is negatively correlated with that of the epidermal growth factor receptor (EGFR). AGR2 may serve as a potential therapeutic marker for various cancers.		