## bs-4568R

## [ Primary Antibody ]

## EGF Rabbit pAb

— DATASHEET ———



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DATASHLL	1		
Host:	Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal			IHC-P (1:100-500) IHC-F (1:100-500)
GenelD: 13645		SWISS: P01132	<b>IF</b> (1:50-200)
Target: EGF			<b>ELISA</b> (1:5000-10000)
Immunogen: KLH conjugated synthetic peptide derived from mouse EGF: 1-53/53 (977-1029/1217).			Reactivity: Mouse (predicted: Rat)
Purification: affinity purified by Protein A			
Concentration: 1mg/ml			Predicted
<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.			Subcellular Location:
<b>Background:</b> Epidermal growth factor (EGF) is an acid- and heat-stable 53 amino acid protein originally found in rodents and humans. It has been shown to be a potent mitogen for a variety of cell types both in vivo and in vitro. EGF binds to the EGF receptor on the surface of cells and mediates intrinsic phosphorylation of the receptor on tyrosine residues. It has been detected in nearly all body fluids, such as urine (urogastrone), saliva, milk and platelet-rich plasma. EGF, TGF?and vaccinia virus growth factor exhibit 30-40% amino acid homology. Several additional members of the EGF/TGF family have been described; these include Cripto, Amphiregulin and the heparin-binding EGF-like growth factor both bind to the EGF receptor.			

## - SELECTED CITATIONS -

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