

bs-5316R**[Primary Antibody]****phospho-EGFR (Tyr1110) Rabbit pAb****Bioss**
ANTIBODIES

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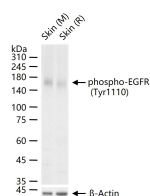
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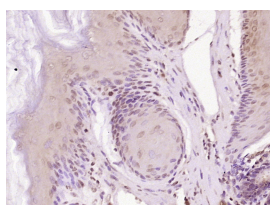
400-901-9800

— DATASHEET —

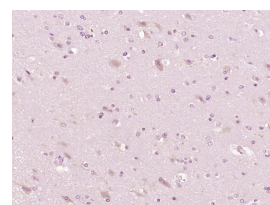
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Horse) Predicted MW.: 134 kDa Subcellular Location: Secreted ,Cell membrane Location: ,Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 1956	SWISS: P00533	
Target: phospho-EGFR (Tyr1110)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human EGFR around the phosphorylation site of Tyr1110: PV(p-Y)HN.		
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 protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. [provided by RefSeq, Jul 2010]		

— VALIDATION IMAGES —

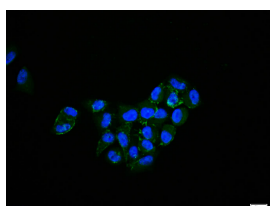
25 ug total protein per lane of various lysates (see on figure) probed with phospho-EGFR (Tyr1110) polyclonal antibody, unconjugated (bs-5316R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (Mouse stomach); 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 (phospho-EGFR (Tyr1110)) Polyclonal Antibody, Unconjugated (bs-5316R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (phospho-EGFR (Tyr1110)) Polyclonal Antibody, Unconjugated (bs-5316R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-EGFR

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

(Tyr1110)) polyclonal Antibody, Unconjugated (bs-5316R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=8.2]** Di Yan. et al. CXCR2, as a key regulatory gene of HDP-PG-1, maintains intestinal mucosal homeostasis. INT J BIOL MACROMOL. 2024 Jun;269:132025 WB ;Pig. 38704076