

## Anti-Pro-EGF antibody (Internal) (STJ73339)

STJ73339

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Pro-EGF (Internal) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	Pep-ELISA/WB/IHC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Dog

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 160kDa double band observed in Human Prostate lysates (calculated MW of 134kDa according to NP_001954.2). The two bands represent glycosylated forms of the mature protein. Reco
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	1950
<b>Gene Symbol</b>	EGF
<b>Uniprot ID</b>	EGF_HUMAN
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	This antibody is expected to recognize all reported isoforms (NP_001954.2; NP_001171601.1; NP_001171602.1) , but not the mature form. The immunizing peptide represents part of the extracellular domain.
<b>Immunogen Sequence</b>	SRQERVCNIEKNVS



STJ73339 (1 $\mu$ g/ml) staining of Human Prostate lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.