



# Anti-EGF polyclonal antibody (CPBT-33613GM)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Goat Polyclonal antibody to Mouse EGF.
<b>Antigen Description</b>	This gene encodes a member of the epidermal growth factor superfamily. The encoded protein is synthesized as a large precursor molecule that is proteolytically cleaved to generate the 53-amino acid epidermal growth factor peptide. This protein acts as a pot
<b>Specificity</b>	Expressed in kidney, salivary gland, cerebrum and prostate.
<b>Immunogen</b>	Highly pure (#98%) recombinant mEGF (mouse Epidermal Growth Factor)
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Sequence Similarities</b>	Contains 9 EGF-like domains. Contains 9 LDL-receptor class B repeats.
<b>Cellular Localization</b>	Membrane.
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4, no preservative, sterile filtered
<b>Preservative</b>	None
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated

freeze / thaw cycles.

## GENE INFORMATION

Gene Name	<a href="#">Egf epidermal growth factor [ Mus musculus ]</a>
Official Symbol	EGF
Synonyms	EGF; epidermal growth factor; pro-epidermal growth factor; Beta urogastrone; EGF; Egf; EGF_HUMAN; Epidermal Growth Factor; HOMG4; OTTHUMP00000219721; OTTHUMP00000219722; Pro epidermal growth factor; URG; Urogastrone; Pro-epidermal growth factor precursor (EGF); A1790464;
Entrez Gene ID	<a href="#">13645</a>
Protein Refseq	<a href="#">NP_034243</a>
UniProt ID	<a href="#">P01132</a>
Pathway	Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; ESC Pluripotency Pathways, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endometrial cancer, organism-specific bios
Function	calcium ion binding; epidermal growth factor receptor binding; epidermal growth factor receptor binding; growth factor activity; protein binding;