



# Anti-EGF polyclonal antibody (DPABY-322)

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

## PRODUCT INFORMATION

Antigen Description	View EGF IHC images.
Specificity	Detects rat EGF in ELISAs and Western blots. In sandwich immunoassays, less than 2% cross-reactivity with recombinant mouse EGF is observed and less than 0.05% cross-reactivity with recombinant human EGF is observed.
Immunogen	E. coli-derived recombinant rat EGF. Asn974-Arg1026 Accession Number P07522
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Rat
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

# GENE INFORMATION

Gene Name	<a href="#">Egf epidermal growth factor [ Rattus norvegicus (Norway rat) ]</a>
Official Symbol	EGF
Synonyms	EGF; epidermal growth factor; pro-epidermal growth factor;
Entrez Gene ID	<a href="#">25313</a>
Protein Refseq	<a href="#">NP_036974</a>
UniProt ID	<a href="#">P07522</a>
Chromosome Location	2q42-q43
Pathway	Adaptive Immune System; Bladder cancer; Cardiovascular Signaling; Constitutive PI3K/AKT Signaling in Cancer; Cytokine-cytokine receptor interaction; DAP12 interactions; DAP12 signaling; Delta-Notch Signaling Pathway;
Function	calcium ion binding; epidermal growth factor receptor binding; growth factor activity;