



Anti-EGF polyclonal antibody [Biotin] (DPABY-407)

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	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
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	Egf epidermal growth factor [Rattus norvegicus (Norway rat)]
Official Symbol	EGF
Synonyms	EGF; epidermal growth factor; pro-epidermal growth factor;
Entrez Gene ID	25313
Protein Refseq	NP_036974
UniProt ID	P07522
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;