

For Research Use Only

EGFR (N-terminal) Polyclonal antibody



Catalog Number: 22542-1-AP

5 Publications

Basic Information

Catalog Number:

22542-1-AP

Size:

150ul, Concentration: 273 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16543

GenBank Accession Number:

BC094761

GeneID (NCBI):

1956

UNIPROT ID:

P00533

Full Name:

epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)

Calculated MW:

1210 aa, 134 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human

Cited Species:

human

Background Information

ERBB1, also named as EGFR, is a receptor for EGF, but also for other members of the EGF family, as TGF- α , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. ERBB1 is involved in the control of cell growth and differentiation. Phosphorylates MUC1 in breast cancer cells and increases the interaction of MUC1 with C-SRC and CTNNB1/beta-catenin. Isoform 2/truncated isoform of ERBB1 may act as an antagonist. EGFR is associated with lung cancer. The antibody can recognize all the isoforms.

Notable Publications

Author	Pubmed ID	Journal	Application
C Niu	26399569	Clin Exp Allergy	IHC
Giulia Diluvio	29795369	Oncogenesis	IF
Wei Jia	29568859	Int J Oncol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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