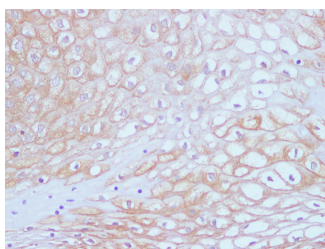


EGFR Polyclonal Antibody

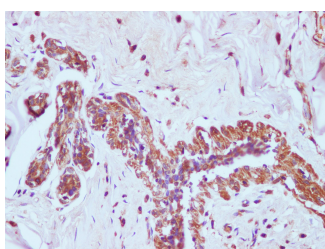
Catalog No.	E-AB-40283	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

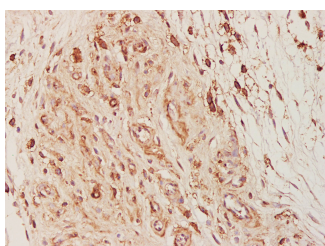
Images



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using EGFR Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Human breast using EGFR Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Mouse skin using EGFR Polyclonal Antibody at dilution of 1:100

Immunogen Information

Immunogen	Recombinant Human Epidermal growth factor receptor protein
GeneID	1956
Swissprot	P00533
Synonyms	Receptor tyrosine protein kinase ErbB 1,SA7,Species antigen 7,wa2,Wa5

Product Information

Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	IHC 1:100-1:200 IF 1:100-1:200

Background

EGFR, also named as ERBB1, is a cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. The gene resides on chromosome 7p12, encoding a 170 kDa membrane-associated glycoprotein. Recent studies have shown EGFR plays a critical role in cancer development and progression, including cell proliferation, apoptosis, angiogenesis, and metastatic spread. Mutations in this gene are associated with lung cancer.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.