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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

EGFR polyclonal antibody (A01)

Catalog # : H00001956-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant EGFR.

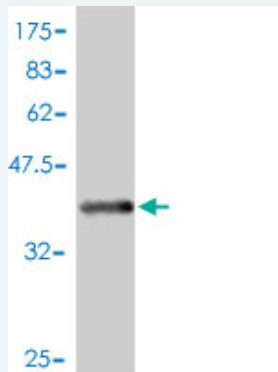
Immunogen: EGFR (NP_005219, 26 a.a. ~ 125 a.a) partial recombinant protein with GST tag.

Sequence: EEKVKVCGGTSNKLTQLGTFEDHFSLQRMFNCEVVLGNLEITYVQRNY
DLSFLKTIQEVAGYVLIALNTVERIPLNLQIIRGNMYENSALAVLSNY

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

1. [Integrin alphavbeta3 mediates upregulation of epidermal growth-factor receptor expression and activity in human ovarian cancer cells.](#)
Lossner D, Abou-Ajram C, Bengé A, Reuning U. *Int J Biochem Cell Biol.* 2008;40(12):2746-61. Epub 2008 Jun 5.

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Application Image

Western Blot (Recombinant protein)

ELISA

Gene Information

Entrez GeneID: [1956](#)

GeneBank
Accession#: [NM_005228](#)

Protein
Accession#: [NP_005219](#)

Gene Name: EGFR

Gene Alias: ERBB,ERBB1,HER1,PIG61,mENA

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

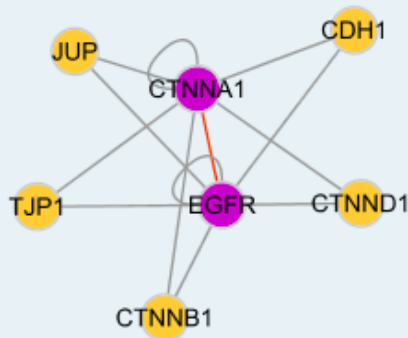
Omim ID: [131550](#), [211980](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. [provided by RefSeq]

Other Designations: avian erythroblastic leukemia viral (v-erb-b) oncogene homolog, cell growth inhibiting protein 40, cell proliferation-inducing protein 61, epidermal growth factor receptor

Interactome



Gene Pathway

[Adherens junction](#) [Bladder cancer](#) [Calcium signaling pathway](#) [Colorectal cancer](#) [Cytokine-cytokine receptor interaction](#) [Dorso-ventral axis formation](#) [Endocytosis](#) [Endometrial cancer](#) [Epithelial cell signaling in Helicobacter pylori infection](#) [ErbB signaling pathway](#) [Focal adhesion](#) [Gap junction](#) [Glioma](#) [GnRH signaling pathway](#) [MAPK signaling pathway](#) [Melanoma](#) [Non-small cell lung cancer](#) [Pancreatic cancer](#) [Pathways in cancer](#) [Prostate cancer](#) [Regulation of actin cytoskeleton](#)

Related Disease

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[Adenocarcinoma, Papillary](#) [Anus Neoplasms](#) [Asthma](#) [Asthma](#) [Astrocytoma](#) [Atherosclerosis](#)
[Barrett Esophagus](#) [Bile Duct Neoplasms](#) [Biliary Tract Neoplasms](#) [Bipolar Disorder](#)
[Brain Neoplasms](#) [Breast cancer](#) [Breast Neoplasms](#) [Bronchial Hyperreactivity](#) [Carcinoma](#)
[Carcinoma, Adenosquamous](#)

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