

EGFR Isoform 3

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 200211

Unit: 0.1 mg

Description:

Epidermal growth factor receptor (EGFR) is a receptor for EGF and for various members of the EGF family such as TGF- α , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. EGFR is involved in the control of cell growth and differentiation. Binding of EGF to the receptor leads to dimerization, internalization of the EGF-receptor complex, induction of the tyrosine kinase activity, stimulation of cell DNA synthesis and cell proliferation. EGFR isoform 3 (sEGFR, p110) is a 77 kDa isoform consisting of the extracellular EGFR domain and a unique, truncated carboxy terminus region without transmembrane domain. EGFR isoform 3 is being investigated as a marker for epithelial ovarian cancer. This antibody is specific for isoform 3, it will not recognize full-length EGFR and EGFR VIII.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

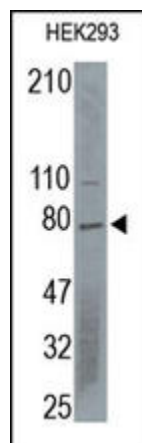
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Epidermal growth factor receptor; receptor tyrosine-protein kinase erbB-1; p110; ERBB1I; EGFR isoform 3

Accession No.: P00533

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EGFR isoform 3.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500



The EGFR Isoform 3 Antibody (Cat. No. 200211) is used in Western blot to detect EGFR Isoform 3 in HEK293 cell lysate.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.