

Anti-EGFR antibody (1021-1210) (STJ113093)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

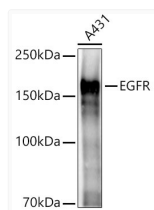
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:100-1:500 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your spec
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 134kDa Observed Mw: 175kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

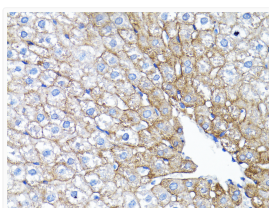
Gene ID	1956
Gene Symbol	EGFR
UniProt ID	EGFR_HUMAN
Immunogen Region	1021-1210
Immunogen Sequence	QGFFSSPSTSRTPLLSSLSA TSNNSTVACIDRNLQSCPI KEDSFLQRYSSDPTGALTED SIDDTFLPVPEYINQSVPKR PAGSVQNPVYHNQPLNPAPS RDPHYQDPHSTAVGNPEYLN TVQPTCVNSTFDSPAHWAK GSHQISLDNPDYQQDFFPKE AKPNGIFKGSTAENAEYLRV APQSSEFIGA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1021-1210 of human EGFR (NP_005219.2).

ADDITIONAL INFORMATION

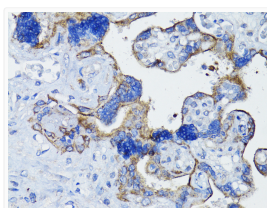
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



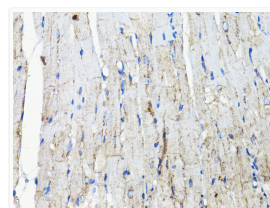
Western blot analysis of A431, using EGFR rabbit polyclonal antibody (STJ113093) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



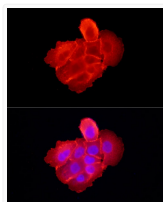
Immunohistochemistry analysis of paraffin-embedded Rat liver using EGFR antibody (STJ113093) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



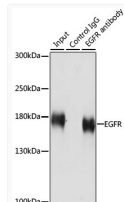
Immunohistochemistry analysis of paraffin-embedded Human placenta using EGFR antibody (STJ113093) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse heart using EGFR antibody (STJ113093) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of A-431 cells using EGFR rabbit polyclonal antibody (STJ113093) at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 3 Mu g EGFR antibody (STJ113093). Western blot was performed from the immunoprecipitate using EGFR antibody (STJ113093) at a dilution of 1:1000.