

PAA757Hu01

Polyclonal Antibody to Epidermal Growth Factor Receptor (EGFR)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 100µg(200µL)

Cross Reactivity: Mouse;Rat

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant EGFR (Lys713~Asp984) expressed in *E.coli*

Accession No.: RPA757Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunofluorescence: 5-30µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

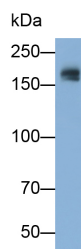
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

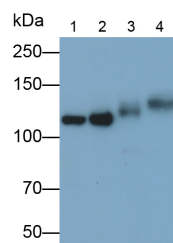
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

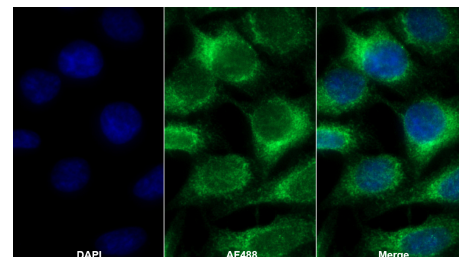
[IDENTIFICATION]



Western Blot; Sample: HeLa cell lysate
 Primary Ab: 0.5µg/ml Rabbit Anti-Human EGFR Antibody Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Rat Cerebrum lysate; Lane2: Mouse Cerebrum lysate; Lane3: A431 cell lysate; Lane4: MCF7 cell lysate; Primary Ab: 0.5µg/ml Rabbit Anti-Human EGFR Antibody Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



AF488 staining on IF;
 Sample: HeLa cell
 Primary Ab: 20µg/ml Rabbit Anti-Human EGFR Antibody
 Second Ab: 2?g/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb11)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.