

PAB499Hu02

Polyclonal Antibody to Tumor Necrosis Factor Receptor 1 (TNFR1)

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: 100μL

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant TNFR1 (Cys248~Met428) expressed in *E.coli*

Accession No.: RPB499Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

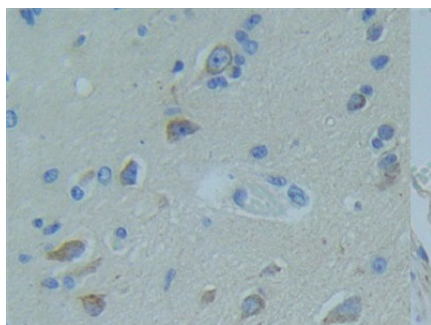
Store at 4°C for frequent use.

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

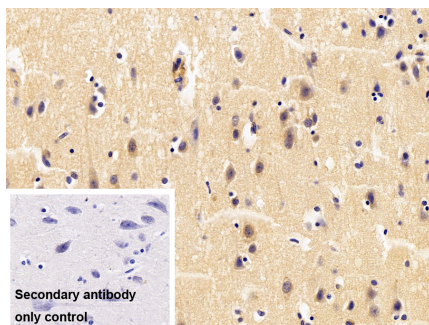
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

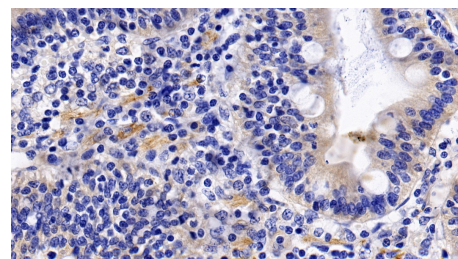
[IDENTIFICATION]



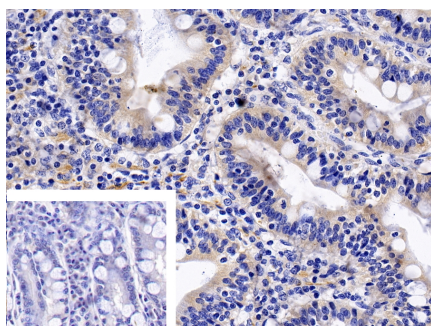
DAB staining on IHC-P; Samples:
Human Brain Tissue; Primary Ab:
10μg/ml Rabbit Anti-Human
TNFRSF1A Antibody Second Ab:
2μg/mL HRP-Linked Caprine Anti-
Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



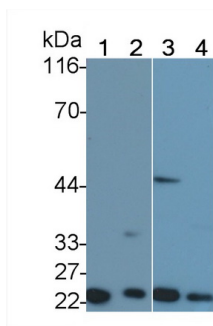
DAB staining on IHC-P;
Sample: Porcine Cerebrum Tissue
Primary Ab: 10μg/ml Rabbit Anti-
Human TNFR1 Antibody
Control: Used PBS instead of primary
antibody
Secondary Ab: 2μg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



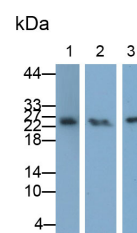
DAB staining on IHC-P;
Sample: Porcine Small intestine Tissue;
Primary Ab: 10μg/ml Rabbit Anti-
Human TNFRSF1A Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Porcine Small intestine Tissue
Primary Ab: 10μg/ml Rabbit Anti-
Human TNFR1 Antibody
Control: Used PBS instead of primary
antibody
Secondary Ab: 2μg/ml HRP-Linked



Western Blot; Sample: Lane1: HL60
cell lysate; Lane2: A549 cell lysate;
Lane3: Rat Placenta lysate; Lane4:
Mouse Placenta lysate
Primary Ab: 0.3μg/ml Rabbit Anti-
Human TNFR1 Antibody
Secondary Ab: 0.2μg/mL HRP-Linked

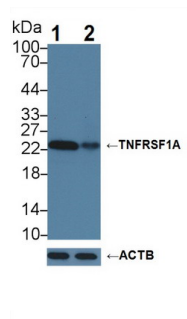


Western Blot; Samples: Lane1: Mouse
Placenta lysate; Lane2: Rat Placenta
lysate; Lane3: Hela cell lysate;
Primary Ab: 0.5μg/ml Rabbit Anti-
Human TNFR1 Antibody
Secondary Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type HeLa cell lysate;

Lane 2: TNFRSF1A knockout HeLa cell
lysate;

Predicted MW: 50,38,25kDa

Observed MW: 23kDa

Primary Ab: 3µg/ml Rabbit Anti-Human
TNFRSF1A Antibody

Second Ab: 0.2µg/mL HRP-Linked

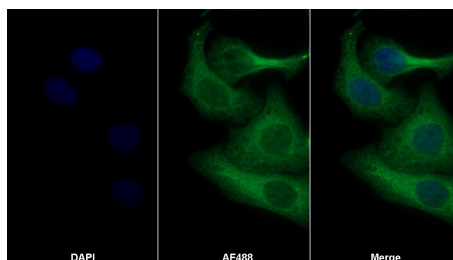
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-

Human TNFR1 Antibody

Second Ab: 2?g/ml AF488-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb11)

Antibody

(Catalog: SAA544Rb19)

[**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.