

**PAB552Hu01**

**Polyclonal Antibody to Z-DNA Binding Protein 1 (ZBP1)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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:** 200μL

**Cross Reactivity:** N/A

**Applications:** WB; IHC

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant ZBP1 (Arg10~Pro167) expressed in *E.coli*

**Accession No.:** RPB552Hu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-3μg/mL;

Immunohistochemistry: 5-30μg/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.

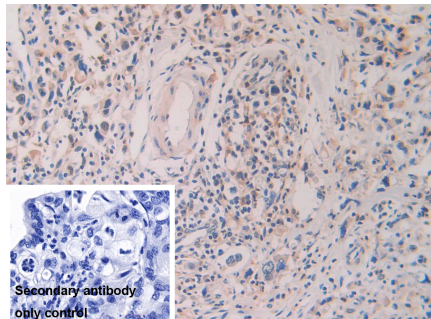
Store at 4°C for frequent use.

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; Sample:

Human Stomach cancer Tissue Primary

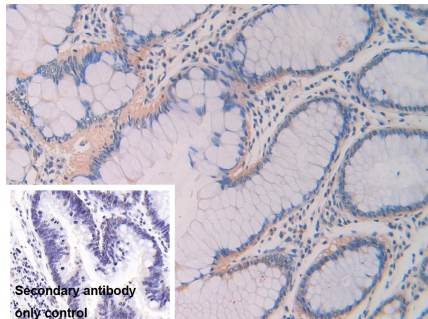
Ab: 30µg/ml Rabbit Anti-Human ZBP1

Antibody Control: Used PBS instead of  
primary antibody Second Ab: 2µg/ml

HRP-Linked Caprine Anti-Rabbit IgG

Polyclonal Antibody (Catalog:

SAA544Rb19)



DAB staining on IHC-P;

Samples: Human Colorectal cancer

Tissue;

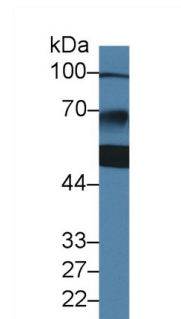
Primary Ab: 30µg/ml Rabbit Anti-  
Human ZBP1 Antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Jurkat  
cell lysate;

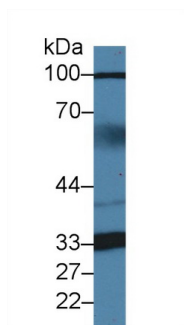
Primary Ab: 2µg/ml Rabbit Anti-Human  
ZBP1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Serum;

Primary Ab: 2µg/ml Rabbit Anti-Human

ZBP1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

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.