

A1023

Leader in Biomolecular Solutions for Life Science



## 14-3-3 alpha/beta Rabbit pAb

Catalog No.: A1023

1 Publications

### Basic Information

#### Observed MW

28kDa

#### Calculated MW

28kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IHC-P,IF/ICC,IP,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants, which encode the same protein, have been identified for this gene.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:100

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

### Immunogen Information

#### Gene ID

7529

#### Swiss Prot

P31946

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

HS1; GW128; YWHAA; KCIP-1; HEL-S-1; 14-3-3 alpha/beta

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

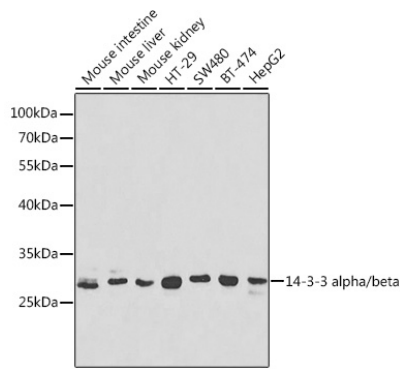
Buffer: PBS with 0.02% Sodium azide,50% glycerol,pH7.3.

### Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

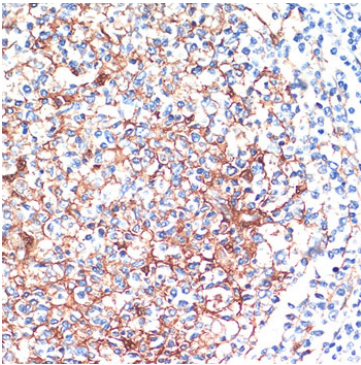


Western blot analysis of various lysates using 14-3-3 alpha/beta Rabbit pAb (A1023) at 1:1000 dilution.

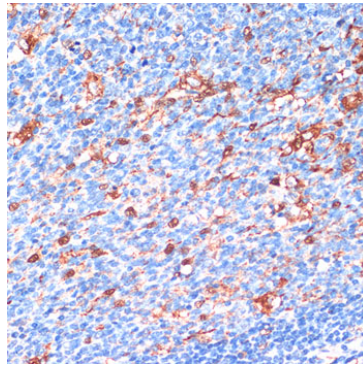
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

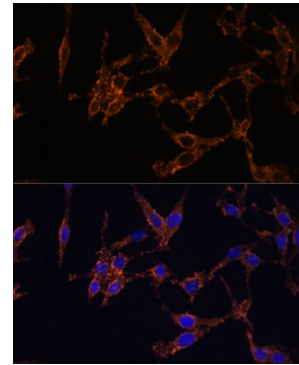
Blocking buffer: 3% nonfat dry milk in TBST.



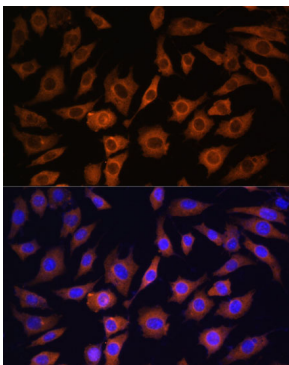
Immunohistochemistry analysis of paraffin-embedded Human tonsil using 14-3-3 alpha/beta Rabbit pAb (A1023) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human appendix using 14-3-3 alpha/beta Rabbit pAb (A1023) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using 14-3-3 alpha/beta Rabbit pAb (A1023) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using 14-3-3 alpha/beta Rabbit pAb (A1023) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.