

# STAMBP Rabbit pAb

Catalog NO.: A7065

## Basic Information

### Observed MW

48kDa

### Calculated MW

48kDa

### Category

Polyclonal Antibodies

### Applications

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

### Cross-Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

## Background

Cytokine-mediated signal transduction in the JAK-STAT cascade requires the involvement of adaptor molecules. One such signal-transducing adaptor molecule contains an SH3 domain that is required for induction of MYC and cell growth. The protein encoded by this gene binds to the SH3 domain of the signal-transducing adaptor molecule, and plays a critical role in cytokine-mediated signaling for MYC induction and cell cycle progression. Multiple alternatively spliced transcript variants encoding the same protein isoform have been found for this gene.

## Recommended Dilutions

|                                                                                                                             |                |
|-----------------------------------------------------------------------------------------------------------------------------|----------------|
| WB                                                                                                                          | 1:500 - 1:2000 |
| IHC-P                                                                                                                       | 1:50 - 1:200   |
| IF/ICC                                                                                                                      | 1:50 - 1:100   |
| 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. |                |

## Contact

## Immunogen Information

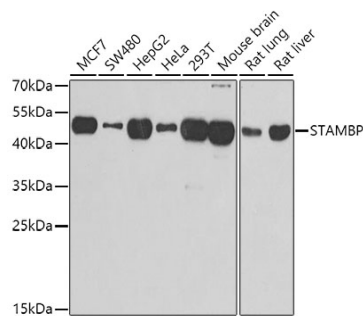
| Gene ID                                                                                        | Swiss Prot |
|------------------------------------------------------------------------------------------------|------------|
| 10617                                                                                          | O95630     |
| <b>Immunogen</b>                                                                               |            |
| Recombinant protein (or fragment).This information is considered to be commercially sensitive. |            |
| <b>Synonyms</b>                                                                                |            |
| AMSH; MICCAP; STAMBP                                                                           |            |

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

|                                                                                                                                       |                |                       |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                                                                                                         | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                                                                                                | IgG            | Affinity purification |
| <b>Storage</b>                                                                                                                        |                |                       |
| Store at -20°C. Avoid freeze / thaw cycles.                                                                                           |                |                       |
| Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. |                |                       |

Validation Data



Western blot analysis of various lysates using STAMBP Rabbit pAb (A7065) at 1:1000 dilution.

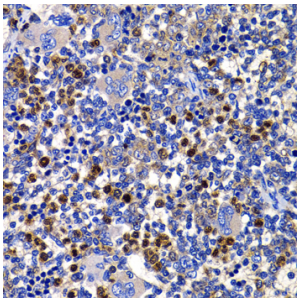
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

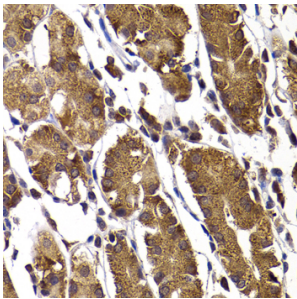
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

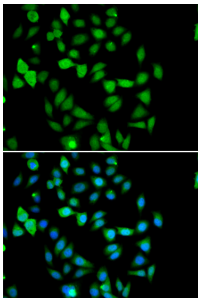
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using STAMBP Rabbit pAb (A7065) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using STAMBP Rabbit pAb (A7065) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using STAMBP Rabbit pAb (A7065). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

