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Datasheet for ABIN6991189  
**anti-TBKBP1 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	TBKBP1
Binding Specificity:	AA 500-550, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBKBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Immunogen:	Prosapip2 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human Prosapip2. The immunogen is located within amino acids 500 - 550 of Prosapip2.
Isotype:	IgG
Purification:	Prosapip2 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	TBKBP1
Alternative Name:	Prosapip2 ( <a href="#">TBKBP1 Products</a> )
Background:	Prosapip2 Antibody: Prosapip2 (TBKBP1) is essential for signal transduction during viral

## Target Details

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infection thus plays a major role in the TNF/NF- $\kappa$ B pathway. It is an adaptor protein that constitutively binds TBK1 (TANK-binding kinase) and IKK $\epsilon$  and may play a role in antiviral innate immunity. Prosapip2 is a 615 amino acid adaptor protein belonging to the fibrillar collagen family, consisting of trimers of identical alpha 1 chains which are linked to each other by interchain disulfide bonds. It has a ubiquitous expression with highest levels in ovary, followed by the neuronal system. Prosapip2 binds to TBK1 and helps in the activation of IRF3 which controls the expression of antiviral genes during infection. Recent studies show that Prosapip2 is an interaction partner of ProSAP2/Shank3 and actin, suggesting a role as a linker molecule between postsynaptic density and the cytoskeleton.

Gene ID: 9755

NCBI Accession: [NP\\_055541](#)

UniProt: [A7MCY6](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: Prosapip2 antibody can be used for detection of Prosapip2 by Western blot at 1  $\mu$ g/mL. Antibody can also be used for immunohistochemistry starting at 5  $\mu$ g/mL. For immunofluorescence start at 20  $\mu$ g/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: Prosapip2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

## Handling

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Storage Comment: Prosapip2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.