

TEV Protease Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11239**Specification**

TEV Protease Antibody - Product Information

Application	WB
Reactivity	All Species
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

TEV Protease Antibody - Additional Information

Positive Control	Western Blot: recombinant protein
Application & Usage	Western blot: 1-4 µg
Other Names	
Nuclear inclusion protein A, NIa protein	

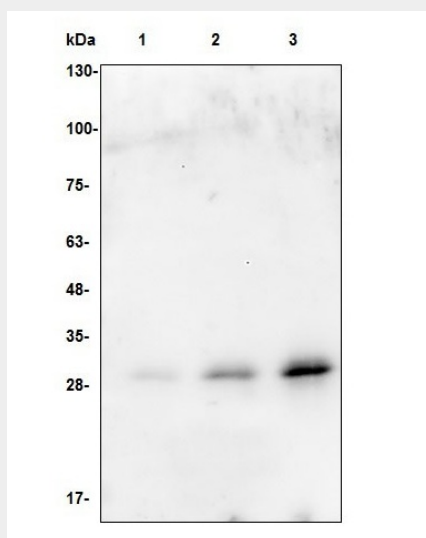
Target/Specificity
TEV protease**Antibody Form**
Liquid**Appearance**
Colorless liquid**Formulation**
100 µg (0.5 mg/ml) of antibody in PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol.**Handling**
The antibody solution should be gently mixed before use.**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
TEV Protease Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**TEV Protease Antibody - Protein Information**

TEV Protease Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TEV Protease Antibody - Images



Western blot with TEV Protease antibody: Lane 1: 2 ng Recombinant EZCut TEV Protease; Lane 2: 10 ng Recombinant EZCut TEV Protease; Lane 3: 50 ng Recombinant EZCut TEV Protease

TEV Protease Antibody - Background

TEV Protease is a restriction grade protease that has robust activity at 4°C with high specificity and great stability. The optimal temperature for cleavage with this enzyme is 34°C. The protease is used for the removal of affinity tags from fusion proteins. The structure of TEV protease is similar to that of the serine protease family. Like serine proteases, TEV protease utilizes a catalytic triad of residues to hydrolyze peptide bonds. The distinguishing feature of TEV protease, however, is that instead of the serine nucleophile in the triad Ser-Asp-His, there is a cysteine, which may explain the resistance of TEV protease to protease inhibitors which are commonly used.