


Product datasheet

Anti-Cyclophilin A antibody ab77188

1 Image

Overview

Product name	Anti-Cyclophilin A antibody
Description	Goat polyclonal to Cyclophilin A
Host species	Goat
Specificity	This antibody is expected to recognise both isoform 1 (NP_066953.1) and isoform 2 (NP_982254.1 and NP_982255.1). This product is expected to recognise PPIAL (NP_001008741.1, GeneID: 388817) which is identical to isoform 1 (NP_066953.1).
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Cat, Dog, Pig, Chimpanzee, Baboon, Cynomolgus monkey, Rhesus monkey, Gorilla, Chinese hamster, Common marmoset, Orangutan 
Immunogen	Synthetic peptide: ERFGSRNGKTSKK from an internal region of the human Cyclophilin A protein sequence according to NP_066953.1; NP_982254.1; NP_982255.1. Run BLAST with Run BLAST with
Positive control	Human lymph node, tonsil and thymus lysates. Lysates prepared from transfected HEK293 cells transiently expressing Cyclophilin A.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab77188** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa).

Target

Function	PPases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Sequence similarities	Belongs to the cyclophilin-type PPase family. PPase A subfamily. Contains 1 PPase cyclophilin-type domain.
Cellular localization	Cytoplasm.

Images



Anti-Cyclophilin A antibody (ab77188) at 0.1 µg/ml + Human Lymph node lysate (RIPA buffer) at 35 µg

Predicted band size: 18 kDa

Observed band size: 18 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

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