

Product datasheet

Anti-PSMD14 antibody ab49175

★★★★☆ 2 Abreviews 1 Image

Overview

| | |
|----------------------------|--|
| Product name | Anti-PSMD14 antibody |
| Description | Rabbit polyclonal to PSMD14 |
| Tested applications | Suitable for: WB, ELISA |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Dog, Drosophila melanogaster, Zebrafish |
| Immunogen | A region within synthetic peptide: MDRLRLGGG MPGLGQGPPT DAPAVDTAEQ VYSSLALLK MLKHGRAGVP, corresponding to N terminal amino acids 1-50 of Human PSMD14 Run BLAST with ExPASy Run BLAST with NCBI |
| Positive control | HepG2 cell lysate |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Preservative: None Constituents: 2% Sucrose, PBS |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab49175** in the following tested applications.

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

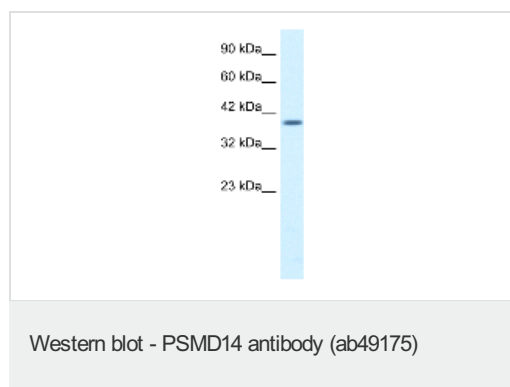
| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | ★★★★☆ | Use a concentration of 1.25 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 35 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |

| Application | Abreviews | Notes |
|-------------|-----------|---|
| ELISA | | Use at an assay dependent concentration. Titre using peptide based assay: 1:12500. |

Target

| | |
|------------------------------|---|
| Function | Metalloprotease component of the 26S proteasome that specifically cleaves 'Lys-63'-linked polyubiquitin chains. The 26S proteasome is involved in the ATP-dependent degradation of ubiquitinated proteins. The function of the 'Lys-63'-specific deubiquitination of the proteasome is unclear. |
| Tissue specificity | Widely expressed. Highest levels in heart and skeletal muscle. |
| Sequence similarities | Belongs to the peptidase M67A family. PSMD14 subfamily. Contains 1 MPN (JAB/Mov34) domain. |

Images



Anti-PSMD14 antibody (ab49175) at 1.25 µg/ml + HepG2 cell lysate at 10 µg with 5% skimmed milk in PBS

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Developed using the ECL technique

Predicted band size : 35 kDa

Observed band size : 35 kDa

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