




Product datasheet

Anti-Caprin-1 antibody ab205377

1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-Caprin-1 antibody |
| Description | Goat polyclonal to Caprin-1 |
| Host species | Goat |
| Specificity | ab205377 is expected to recognize both reported isoforms (NP_005889.3; NP_976240.1). |
| Tested applications | Suitable for: IHC-P, WB |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Dog, Pig  |
| Immunogen | Synthetic peptide corresponding to Human Caprin-1 aa 450-550 (internal sequence) (Cysteine residue). Database link: Q14444  Run BLAST with  Run BLAST with |
| Positive control | HeLa and jurkat cell lysates. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA |
| Purity | Immunogen affinity purified |
| Purification notes | ab205377 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |

Clonality Polyclonal

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab205377 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 |
|-------------|-----------|---|
| IHC-P | | Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB | | Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 80,140 kDa (predicted molecular weight: 78 kDa). 1 hour primary incubation is recommended for this product. |

Target

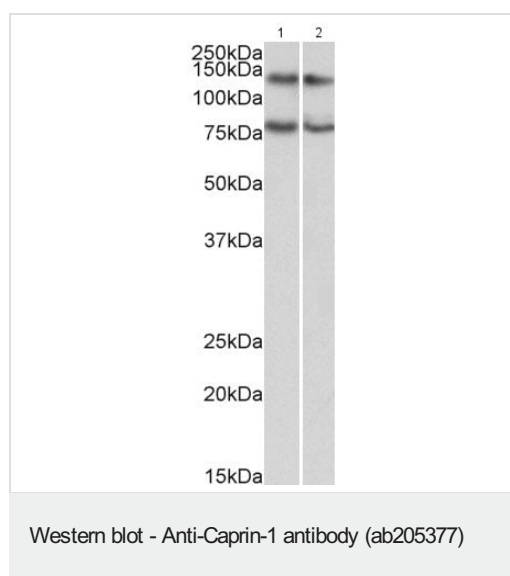
Function May regulate the transport and translation of mRNAs of proteins involved in synaptic plasticity in neurons and cell proliferation and migration in multiple cell types.

Tissue specificity Ubiquitous.

Sequence similarities Belongs to the caprin family.

Cellular localization Cytoplasm > cytosol. Cell projection > dendrite. Associated with RNA granules.

Images



All lanes : Anti-Caprin-1 antibody (ab205377) at 0.3 µg/ml

Lane 1 : Jurkat cell lysate (in RIPA buffer)

Lane 2 : HeLa cell lysate (in RIPA buffer)

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique.

Predicted band size: 78 kDa

Observed band size: 140,80 kDa

The ~140 kDa band corresponds to the reported p137 protein (Ellis and Luzio, J Biol Chem. 1995 Sep 1;270(35):20717-23.PMID:

7657653).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors