


Product datasheet

Anti-ARPC4 antibody ab80502

1 References 1 Image

Overview

Product name	Anti-ARPC4 antibody
Description	Goat polyclonal to ARPC4
Host species	Goat
Specificity	ab80502 is expected to recognise isoform a (NP_005709.1).
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Pig, Xenopus laevis, Zebrafish 
Immunogen	Synthetic peptide: C-ERHMKPEVEVR , corresponding to internal sequence amino acids 31 - 41 of Human ARPC4 (NP_005709.1) Run BLAST with Run BLAST with
Positive control	Human lymph node lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab80502 was 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 **ab80502** in the following tested applications.

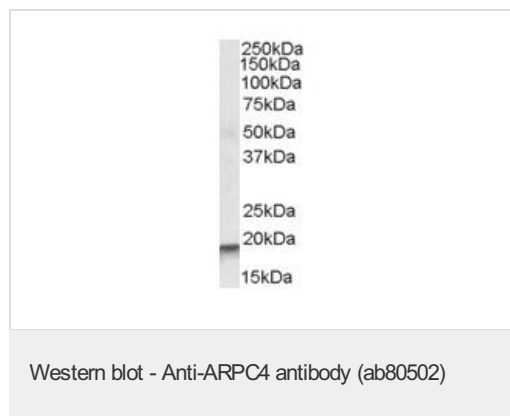
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. Peptide ELISA: antibody detection limit dilution 1/64000.
WB		Use a concentration of 0.01 - 0.03 µg/ml. Predicted molecular weight: 20 kDa.

Target

Function	Functions as actin-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the mother actin filament.
Sequence similarities	Belongs to the ARPC4 family.
Cellular localization	Cytoplasm > cytoskeleton. Cell projection.

Images



Anti-ARPC4 antibody (ab80502) at 0.03 µg/ml + human lymph node lysate (in RIPA buffer) at 35 µg

Predicted band size: 20 kDa

Observed band size: 19 kDa

[why is the actual band size different from the predicted?](#)

Primary incubation was 1 hour.

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