

Product datasheet

Anti-AP-A antibody ab36122

★★★★★ 1 Abreviews 6 References 2 Images

Overview

Product name	Anti-AP-A antibody
Description	Goat polyclonal to AP-A
Host species	Goat
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Cow, Dog, Pig
Immunogen	Synthetic peptide corresponding to Human AP-A (internal sequence). Sequence: EQYQKTSLAQEKEK Run BLAST with Run BLAST with
Positive control	Human testis lysate. Human kidney tissue sections.
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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
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

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab36122 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	★★★★★ (1)	Use a concentration of 3 - 5 µg/ml.
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 170 kDa (predicted molecular weight: 109 kDa). A 1 hour primary incubation is recommended for this product. The observed molecular weight corresponds to earlier findings in literature, Ando et al. PMID 11994381.

Target

Function	Appears to have a role in the catabolic pathway of the renin-angiotensin system. Probably plays a role in regulating growth and differentiation of early B-lineage cells.
Tissue specificity	Expressed by epithelial cells of the proximal tubule cells and the glomerulus of the nephron. Also found in a variety of other tissues.
Sequence similarities	Belongs to the peptidase M1 family.
Cellular localization	Membrane.

Images



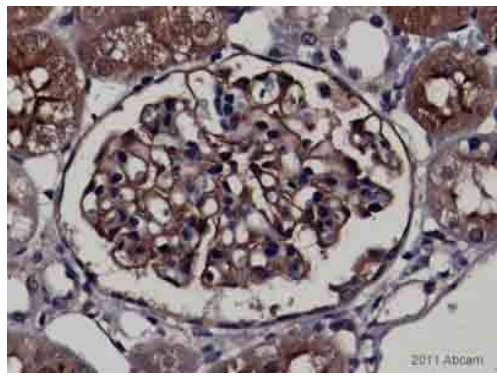
Anti-AP-A antibody (ab36122) at 1 µg/ml + Human Testis Lysate at 30 µg

Developed using the ECL technique.

Predicted band size: 109 kDa

Observed band size: 170 kDa

Primary incubated for 1 hour.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AP-A antibody (ab36122)

Image courtesy of Dr Carl Atkinson by Abreview.

ab36122 staining AP-A in rat kidney tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue was fixed with formaldehyde and a heat mediated antigen retrieval step was performed using citrate. Samples were then blocked using 20% serum for 1 hour at 25°C and then incubated with ab36122 at 3µg/ml for 1 hour. The secondary used was an undiluted HRP conjugated polyclonal.

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