

Product datasheet

Anti-ACRBP antibody ab64809

★★★★★ [1 Abreviews](#) [4 References](#) [2 Images](#)

Overview

Product name	Anti-ACRBP antibody
Description	Rabbit polyclonal to ACRBP
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	A synthetic peptide derived from an internal region of human ACRBP.
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 -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab64809 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	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 61 kDa (predicted molecular weight: 61 kDa).
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

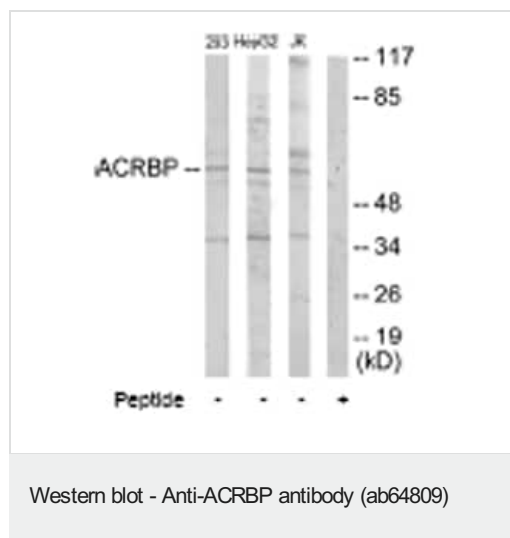
Function	May be involved in packaging and condensation of the acrosin zymogen in the acrosomal matrix via its association with proacrosin.
Tissue specificity	Expression restricted to testis in normal tissue. Expressed in a wide spectrum of cancers, including bladder, breast, liver, lung and colon cancers.
Post-translational modifications	The N-terminus is blocked. Phosphorylated on Tyr residues in capacitated sperm.
Cellular localization	Secreted. Cytoplasmic vesicle, secretory vesicle, acrosome. Colocalizes with proacrosin in the acrosome of sperm.

Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACRBP antibody (ab64809)

IHC image of ab64809 staining in human breast carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab64809, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



All lanes : Anti-ACRBP antibody (ab64809) at 1/500 dilution

Lane 1 : Extracts of 293 cells

Lane 2 : Extracts of HepG2 cells

Lane 3 : Extracts of Jurkat cells

Lane 4 : Extracts of Jurkat cells with immunizing Peptide

Lysates/proteins at 5 µg per lane.

Predicted band size: 61 kDa

Observed band size: 61 kDa

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

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