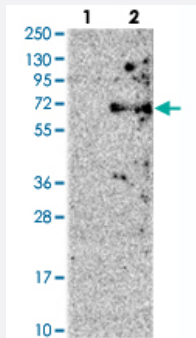


ACRBP polyclonal antibody

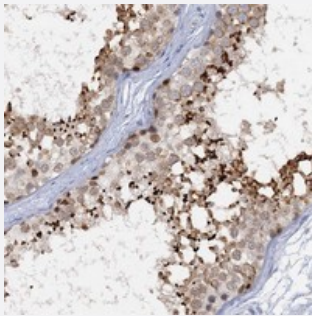
Catalog # PAB23393 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with ACRBP polyclonal antibody (Cat # PAB23393).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with ACRBP polyclonal antibody (Cat # PAB23393) shows strong cytoplasmic(acrosomal) positivity in cells of seminiferous ducts.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ACRBP.
Immunogen	Recombinant protein corresponding to amino acids of human ACRBP.
Sequence	AQDSTQASTPGSPLSPTEYERFFALLTPTWKAETTCRLRATHGCRNPTLVQLDQYENHGLVPDG AVCSNLPYASWFESFCQFTHYRCS
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with ACRBP polyclonal antibody (Cat # PAB23393).

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Gene Info — ACRBP

Entrez GeneID	84519
Protein Accession#	Q8NEB7
Gene Name	ACRBP
Gene Alias	FLJ51160, OY-TES-1, SP32
Gene Description	acrosin binding protein
Omim ID	608352
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is similar to proacrosin binding protein sp32 precursor found in mouse, guinea pig, and pig. This protein is located in the sperm acrosome and is thought to function as a binding protein to proacrosin for packaging and condensation of the acrosin zymogen in the acrosomal matrix. This protein is a member of the cancer/testis family of antigens and it is found to be immunogenic. In normal tissues, this mRNA is expressed only in testis, whereas it is detected in a range of different tumor types such as bladder, breast, lung, liver, and colon. [provided by RefSeq]

Other Designations

proacrosin binding protein sp32