

Product Name: OY-TES-1 Rabbit Polyclonal Antibody**Catalog #: APRab15559**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	61kDa

Antigen Information

Gene Name	ACRBP
Alternative Names	ACRBP; Acrosin-binding protein; Cancer/testis antigen 23; CT23; Cancer/testis antigen OY- TES-1; Proacrosin-binding protein sp32
Gene ID	84519.0
SwissProt ID	Q8NEB7
Immunogen	The antiserum was produced against synthesized peptide derived from human ACRBP. AA range:181-230

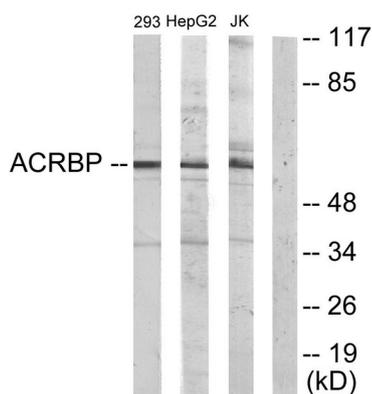
Background

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, Jul 2008],function:May be involved in packaging and condensation of the acrosin zymogen in the acrosomal matrix via its association with proacrosin.,PTM:Phosphorylated on Tyr residues in capacitated sperm.,PTM:The N-terminus is blocked.,subcellular location:Colocalizes with proacrosin in the acrosome of sperm.,subunit:Binds 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.,

Research Area

Tags & Cell Markers; Cell Type Markers; Other Cell Types; Cancer; Tumor immunology; Tumor-associated antigens

Image Data



Western blot analysis of lysates from HepG2, Jurkat, and 293 cells, using ACRBP Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using OY-TES-1 Polyclonal Antibody