

Summary

Production Name	OY-TES-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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.The antiserum was produced against synthesized peptide derived from human ACRBP. AA range:181-230

Application

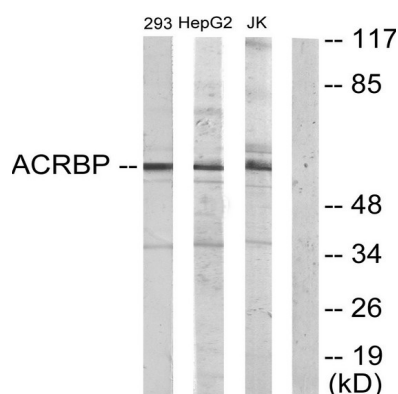
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	61kD

Background

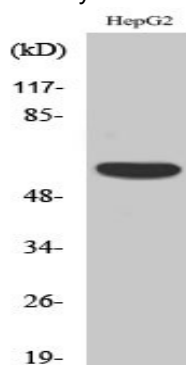
The protein encoded by this gene is similar to proacrosin binding protein sp32 precursor found in mouse, guinea pig, and pig. This protein is located in the sperm acrosome and is thought to function as a binding protein to proacrosin for packaging and condensation of the acrosin zymogen in the acrosomal 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

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

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



Note

For research use only.