

ACRBP Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50957

Product Information

Application	WB, IP, ICC
Primary Accession	Q8NEB7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61359

Additional Information

Gene ID	84519
Other Names	Acrosin-binding protein, Cancer/testis antigen 23, CT23, Cancer/testis antigen OY-TES-1, Proacrosin-binding protein sp32, ACRBP {ECO:0000312 EMBL:AAH330101}
Dilution	WB~~1:1000 IP~~N/A ICC~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ACRBP {ECO:0000312 EMBL:AAH33010.1}
Function	[Acrosin-binding protein, mature form]: Acrosomal protein that maintains proacrosin (pro-ACR) as an enzymatically inactive zymogen in the acrosome. Involved also in the acrosome formation.
Cellular Location	Secreted {ECO:0000250 UniProtKB:Q29016}. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250 UniProtKB:Q29016, ECO:0000250 UniProtKB:Q3V140}
Tissue Location	Expression restricted to testis in normal tissue. Expressed in a wide spectrum of cancers, including bladder, breast, liver, lung and colon cancers.

Background

May be involved in packaging and condensation of the acrosin zymogen in the acrosomal matrix via its association with proacrosin (By similarity).

References

Ono T.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:3282-3287(2001).

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