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OY-TES-1 Polyclonal Antibody

Catalog # AP71666

Product Information

Application	WB, IHC-P, IF
Primary Accession	Q8NEB7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61359

Additional Information

Gene ID	84519
Other Names	ACRBP; Acrosin-binding protein; Cancer/testis antigen 23; CT23; Cancer/testis antigen OY-TES-1; Proacrosin-binding protein sp32
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

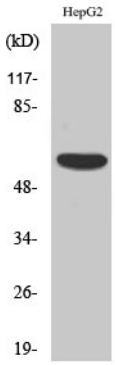
Protein Information

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.

Images



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