

FER1L5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56103

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	A0AV12
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	237935

Additional Information

Gene ID	90342
Other Names	Fer-1-like protein 5, FER1L5
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FER1L5
Function	Plays a crucial role in male fertility, primarily through its involvement in the acrosome reaction of spermatozoa. Required for the Ca(2+)-activated fusion of the acrosomal membrane with the plasma membrane during the acrosome. May play a role in skeletal muscle cell development by ensuring effective myoblast fusion and facilitating membrane repair.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P0DM40}; Single-pass type IV membrane protein. Cytoplasmic vesicle membrane {ECO:0000250 UniProtKB:P0DM40}; Single-pass type IV membrane protein. Note=Colocalizes with EHD1 and EHD2 at plasma membrane in myoblasts and myotubes. {ECO:0000250 UniProtKB:P0DM40}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.