

FER1L6 Rabbit pAb

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Catalog # AP56104

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q2WQJ9
Predicted	Pig, Human, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	209308
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FER1L6
Epitope Specificity	1751-1857/1857
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FER1L6 (fer-1-like protein 6) is a 1,857 amino acid single-pass membrane protein that belongs to the ferlin family and contains six C2 domains. The gene encoding FER1L6 maps to human chromosome 8, which is made up of nearly 146 million bases and encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms including retarded mental and motor development, and certain facial and developmental defects. WRN is a DNA helicase encoded by chromosome 8 and shown defective in those with the early aging disorder Werner syndrome. Chromosome 8 is also associated with Pfeiffer syndrome, congenital hypothyroidism and Waardenburg syndrome.

Additional Information

Gene ID	654463
Other Names	Fer-1-like protein 6, FER1L6, C8orfK23
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	FER1L6
Synonyms	C8orfK23
Function	Calcium/phospholipid-binding protein which is essential for proper development of skeletal and cardiac muscle.
Cellular Location	Cell membrane; Single-pass type IV membrane protein. Cytoplasm, perinuclear region {ECO:0000250 UniProtKB:E0CZ42}. Golgi apparatus, trans-Golgi network. Recycling endosome. Note=Shuttles from the cell membrane to a distinct subcompartment of the trans-Golgi network that is closely associated with the recycling endosome.

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