



Rabbit Anti-FAR2 antibody

SL10256R

Product Name:	FAR2
Chinese Name:	脂肪酰辅酶A还原酶2抗体
Alias:	Fatty acyl CoA reductase 2; FLJ10462; Male sterility domain containing protein 1; MLSTD1; FACR2_HUMAN; FAR2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	57kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FAR2:51-150/515
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene belongs to the short chain dehydrogenase/reductase superfamily. It encodes a reductase enzyme involved in the first step of wax biosynthesis wherein fatty acids are converted to fatty alcohols. The encoded peroxisomal protein utilizes saturated fatty acids of 16 or 18 carbons as preferred substrates. Alternatively spliced transcript variants have been observed for this gene. Related pseudogenes have been identified on chromosomes 2, 14 and 22. [provided by RefSeq, Nov 2012]

Function:

FAR2 catalyzes the reduction of fatty acyl-CoA to fatty alcohols. The preferred substrates are C16, C18, C18:1 and C18:2 but low activity can be observed with C10-C14 substrates.

Subcellular Location:

Peroxisome membrane; Multi-pass membrane protein (Potential). Endoplasmic reticulum membrane; Multi-pass membrane protein (Potential). Note=Peroxisome in cells expressing low levels of the protein. Peroxisome and endoplasmic reticulum in cells expressing high levels of the protein.

Similarity:

Belongs to the fatty acyl-CoA reductase family.

SWISS:

Q96K12

Gene ID:

55771

Database links:

[Entrez Gene: 55711](#) Human

[Entrez Gene: 534380](#) Cow

[Entrez Gene: 330450](#) Mouse

[Entrez Gene: 500368](#) Rat

[SwissProt: Q0P5J1](#) Cow

[SwissProt: Q96K12](#) Human

[SwissProt: Q7TNT2](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



