

FACR2 rabbit pAb

Catalog No :	YT7542
Reactivity :	Human;Mouse
Applications :	WB
Target :	FACR2
Fields :	>>Peroxisome
Gene Name :	FAR2 MLSTD1
Protein Name :	FACR2
Human Gene Id :	55711
Human Swiss Prot No :	Q96K12
Mouse Gene Id :	330450
Mouse Swiss Prot No :	Q7TNT2
Immunogen :	Synthesized peptide derived from human FACR2 AA range: 409-459
Specificity :	This antibody detects endogenous levels of FACR2 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Molecularweight : 57kD

Background : 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 : catalytic activity:Fatty acyl-CoA + 2 NADPH = fatty alcohol + 2 NADP(+).,function: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.,similarity:Belongs to the fatty acyl-CoA reductase family.,subcellular location:Peroxisome in cells expressing low levels of the protein. Peroxisome and endoplasmic reticulum in cells expressing high levels of the protein.,

Subcellular Location : Peroxisome membrane ; Single-pass membrane protein .

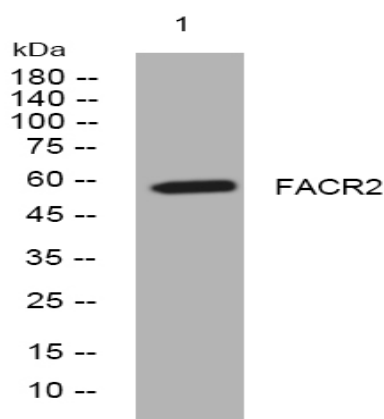
Sort : 5885

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night