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anti-FADS3 antibody (AA 1-130)



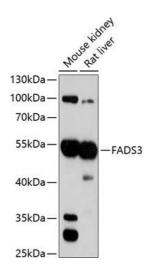


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Quantity:	100 μg	
Target:	FADS3	
Binding Specificity:	AA 1-130	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This FADS3 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
lmmunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of	
	human FADS3 (NP_068373.1).	
Sequence:	MGGVGEPGPR EGPAQPGAPL PTFCWEQIRA HDQPGDKWLV IERRVYDISR WAQRHPGGSR	
	LIGHHGAEDA TDAFRAFHQD LNFVRKFLQP LLIGELAPEE PSQDGPLNAQ LVEDFRALHQ	
	AAEDMKLFDA	
sotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	tics: Polyclonal Antibodies	
Purification:	Affinity purification	

Target Details

Target:	FADS3		
Alternative Name:	FADS3 (FADS3 Products)		
Background:	The protein encoded by this gene is a member of the fatty acid desaturase (FADS) gene family. Desaturase enzymes regulate unsaturation of fatty acids through the introduction of double bonds between defined carbons of the fatty acyl chain. FADS family members are considered fusion products composed of an N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs. This gene is clustered with family members FADS1 and FADS2 at 11q12-q13.1 this cluster is thought to have arisen evolutionarily from gene duplication based on its similar exon/intron organization.,FADS3,CYB5RP,LLCDL3,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Lipids,Fatty Acids,FADS3		
Molecular Weight:	51 kDa		
Gene ID:	3995		
UniProt:	Q9Y5Q0		
Application Details			
Application Notes:	WB,1:500 - 1:2000		
Restrictions:	For Research Use only		
Handling			
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Storage:	-20 °C		
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.		



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using F antibody (ABIN1679802, ABIN3018325, ABIN3018326 and ABIN6220437) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.