



Anti-AASS monoclonal antibody, clone FQS0255 (DCABH-4259)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to AASS
Antigen Description	Bifunctional enzyme that catalyzes the first two steps in lysine degradation. The N-terminal and the C-terminal contain lysine-ketoglutarate reductase and saccharopine dehydrogenase activity, respectively.
Immunogen	Synthetic peptide, corresponding to residues in Human AASS (UniProt: Q9UDR5).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS0255
Conjugate	Unconjugated
Applications	WB, IHC-P
Positive Control	293T, HepG2, and HUVEC cell lysates; Human liver tissue.
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Preservative	0.01% Sodium Azide
Storage	Store at -20°C.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	AASS aminoadipate-semialdehyde synthase [Homo sapiens]
Official Symbol	AASS
Synonyms	AASS; aminoadipate-semialdehyde synthase; alpha-aminoadipic semialdehyde synthase, mitochondrial; LKRSDH; LORSDH; lysine-2-oxoglutarate reductase; aminoadipic semialdehyde synthase; alpha-aminoadipate semialdehyde synthase; lysine-ketoglutarate reductase
Entrez Gene ID	10157
Protein Refseq	NP_005754
UniProt ID	A4D0W4
Chromosome Location	7q31.3
Pathway	Lysine catabolism, organism-specific biosystem; Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; Lysine degradation, lysine => saccharopine => acetoacetyl-CoA, organism-specific biosystem; Lysine degradation, lysine =>
Function	nucleotide binding; oxidoreductase activity; saccharopine dehydrogenase (NAD+, L-glutamate-forming) activity; saccharopine dehydrogenase (NAD+, L-glutamate-forming) activity; saccharopine dehydrogenase (NADP+, L-lysine-forming) activity;