



Anti-FUCA1 (aa 362-461) polyclonal antibody (DPAB-DC1174)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a lysosomal enzyme involved in the degradation of fucose-containing glycoproteins and glycolipids. Mutations in this gene are associated with fucosidosis (FUCA1D), which is an autosomal recessive lysosomal storage disease. A pseudogene of this locus is present on chr 2.[provided by RefSeq, Oct 2009]
Immunogen	FUCA1 (NP_000138, 362 a.a. ~ 461 a.a) partial recombinant protein with GST tag. The sequence is EAIYASKPWRVQWEKNITSVWYTSKGSAVYAIFLHWPENGVLNLESPITTSTTKITMLGI QGDLKWSTDPDKGLFISLPQLPPSAVPAEFAWTIKLTGVK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [FUCA1 fucosidase, alpha-L- 1, tissue \[Homo sapiens \(human\) \]](#)

Official Symbol	FUCA1
Synonyms	FUCA1; fucosidase, alpha-L- 1, tissue; FUCA; tissue alpha-L-fucosidase; alpha-L-fucosidase 1; alpha-L-fucosidase I; alpha-L-fucoside fucohydrolase 1;
Entrez Gene ID	2517
Protein Refseq	NP_000138
UniProt ID	P04066
Chromosome Location	1p34
Pathway	Lysosome; Other glycan degradation;
Function	alpha-L-fucosidase activity; fucose binding;