



Anti-SPPL2A (aa 31-129) polyclonal antibody (DPAB-DC3504)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the GXGD family of aspartic proteases, which are transmembrane proteins with two conserved catalytic motifs localized within the membrane-spanning regions, as well as a member of the signal peptide peptidase-like protease (SPPL) family. This protein is expressed in all major adult human tissues and localizes to late endosomal compartments and lysosomal membranes. A pseudogene of this gene also lies on chromosome 15.
Immunogen	SPPL2A (NP_116191, 31 a.a. ~ 129 a.a) partial recombinant protein with GST tag. The sequence is HASGNGTTKDYCMLYNPYWTALPSTLENATSISLMNLTSTPLCNLS DIPVGIKSKAVVV PWGSCHFLEKARIAQKGGA EAMLVVNSVLFPPSGNRSE
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	SPPL2A signal peptide peptidase like 2A [Homo sapiens (human)]
Official Symbol	SPPL2A
Synonyms	SPPL2A; signal peptide peptidase like 2A; IMP3; PSL2; signal peptide peptidase-like 2A; IMP-3; SPP-like 2A; intramembrane protease 3; presenilin-like protein 2; intramembrane cleaving protease;
Entrez Gene ID	84888
Protein Refseq	NP_116191
UniProt ID	Q8TCT8
Chromosome Location	15q21.2
Function	aspartic-type endopeptidase activity; protein binding; protein homodimerization activity;