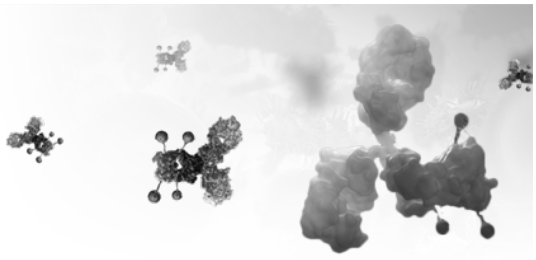

Anti-SPG21 (aa 211-306) polyclonal antibody (DPAB-DC2155)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene binds to the hydrophobic C-terminal amino acids of CD4 which are involved in repression of T cell activation. The interaction with CD4 is mediated by the noncatalytic alpha/beta hydrolase fold domain of this protein. It is thus proposed that this gene product modulates the stimulatory activity of CD4. Mutations in this gene are associated with autosomal recessive spastic paraplegia 21 (SPG21), also known as mast syndrome. At least three different transcript variants encoding two different isoforms have been found for this gene.
Immunogen	SPG21 (NP_057714, 211 a.a. ~ 306 a.a) partial recombinant protein with GST tag. The sequence is PHKIRDIPVTIMDVFDQSALSTEAKEEMYKLYPNARRAHLKTGGNFPYLCRSAEVNLYVQ IHLLQFHGTKYAAIDPSMVSAEELEVQKGSLGISQE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	SPG21 spastic paraplegia 21 (autosomal recessive, Mast syndrome) [Homo sapiens (human)]
Official Symbol	SPG21
Synonyms	SPG21; spastic paraplegia 21 (autosomal recessive, Mast syndrome); MAST; ACP33; GL010; BM-019; maspardin; acid cluster protein 33;
Entrez Gene ID	51324
Protein Refseq	NP_001121361
UniProt ID	A0A024R5Y1
Chromosome Location	15q21-q22
Function	CD4 receptor binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221