

Datasheet for ABIN5515659
anti-SPG7 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	SPG7
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPG7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SPG7
Sequence:	LWQLLGTFY FNTSRLKQKN KEKDKSKGKA PEEDEEERRR RERDDQMYRE
Purification:	Affinity purified

Target Details

Target:	SPG7
Alternative Name:	SPG7 (SPG7 Products)
Background:	This gene encodes a mitochondrial metalloprotease protein that is a member of the AAA family. Members of this protein family share an ATPase domain and have roles in diverse cellular processes including membrane trafficking, intracellular motility, organelle biogenesis, protein folding, and proteolysis. Mutations in this gene cause autosomal recessive spastic

Target Details

paraplegia 7. Two transcript variants encoding distinct isoforms have been identified.

Alias Symbols: CAR, PGN, CMAR, SPG5C

Protein Size: 489

Gene ID:	6687
NCBI Accession:	NM_003119 , NP_003110

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.