



## Datasheet for ABIN520427 anti-SPG7 antibody (AA 1-795)



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### 1 Image

#### Overview

Quantity:	50 µg
Target:	SPG7
Binding Specificity:	AA 1-795
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This SPG7 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human SPG7 protein.
Immunogen:	SPG7 (NP_003110.1, 1 a.a. ~ 795 a.a) full-length human protein.
Sequence:	MAVLLLLLRA LRRGPGPGPR PLWGPGPAWS PGFPARPGRG RPYMASRPPG DLAEAGGRAL QSLQLRLLTP TFEINGLLL KQHLVQNPVR LWQLLGGTFY FNTSRLKQKN KEKD KSKGKA PEEDEEERRR RERDDQMYRE RLRTLLVIAV VMSLLNALST SGG SISWNDF VHEMLAKGEV QRVQVPESD VVEVYLHPGA VVFGPRRLAL MYRMQVANID KFEEKLRAAE DELNIEAKDR IPVSYKRTGF FGNALYSVGM TAVGLAILWY VFRLAGMTGR EGGFSAFNQL KMARFTIVDG KMGKGVSFKD VAGMHEAKLE VREFVDYLKS PERFLQLGAK VPKGALLLP PGCGKTLAK AVATEAQVPF LAMAGPEFVE VIGGLGAARV RSLFKEARAR APCIVYIDEI DAVGKKRSTT MSGFSNTEEE QTLNQLLVEM DGMGTTDHVI VLASTNRADI LDGALMRPGR LDRHVFIDL TLQERREIFE QHLKSLKLTQ SSTFYSQLA ELTPGFSGAD IANICNEAAL HAAREGHTSV HTLNFEYAVE RVLGATAKKS KILSKEEQKV VAFHESGHAL VGWMLLEHTEA VMKVSITPRT

## Product Details

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NAALGFAQML PRDQHLFTKE QLFERMCMAL GGRASEALSF NEVTSGAQDD LRKVTRIAYS  
MVKQFGMAPG IGPISFPEAQ EGLMGIGRRP FSQGLQQMMD HEARLLVAKA YRHTEKVLQD  
NLDKLQALAN ALLEKEVINY EDIEALIGPP PHGPKKMIAP QRWIDAQREK QDLGEEETEE  
TQQPPLGGEE PTWPK

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

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Target: SPG7

Alternative Name: SPG7 ([SPG7 Products](#))

Background: Full Gene Name: spastic paraplegia 7 (pure and complicated autosomal recessive)  
Synonyms: CAR,CMAR,FLJ37308,MGC126331,MGC126332,PGN,SPG5C

Gene ID: 6687

NCBI Accession: [NM\\_003119](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

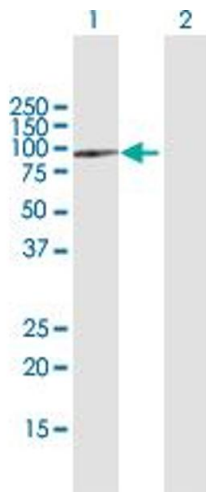
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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



### Western Blotting

**Image 1.** Western Blot analysis of SPG7 expression in transfected 293T cell line by SPG7 MaxPab polyclonal antibody.

Lane 1: SPG7 transfected lysate(87.45 KDa).

Lane 2: Non-transfected lysate.