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## Datasheet for ABIN7450761 **anti-SPG20 antibody (AA 350-400)**

### Overview

Quantity:	100 µg
Target:	SPG20
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPG20 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-SPG20 Antibody, Affinity Purified
Immunogen:	Between AA 350 and 400
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	SPG20
Alternative Name:	SPG20 ( <a href="#">SPG20 Products</a> )
Background:	Background: Spastic paraplegia 20 protein (SPG20) is a protein containing a MIT (Microtubule Interacting and Trafficking molecule) domain, and is implicated in regulating endosomal

## Target Details

trafficking and mitochondria function. The protein localizes to mitochondria and partially co-localizes with microtubules. Stimulation with epidermal growth factor (EGF) results in protein translocation to the plasma membrane, and the protein functions in the degradation and intracellular trafficking of EGF receptor. Mutations associated with the SPG20 gene cause autosomal recessive spastic paraplegia 20 (Troyer syndrome) [taken from NCBI Entrez Gene (Gene ID: 23111)].

Gene ID: 23111

UniProt: [Q8N0X7](#)

Pathways: [Regulation of Cell Size](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months