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Datasheet for ABIN7469013 **anti-SAMM50 antibody**

Overview

Quantity:	100 µL
Target:	SAMM50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SAMM50. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SAMM50
Alternative Name:	SAMM50 sorting and assembly machinery component (SAMM50 Products)
Background:	Synonyms: SAMM50 sorting and assembly machinery component , CGI-51 , OMP85 , SAM50 , TOB55 , TRG-3 , YNL026W Background: SAMM50 is a component of the sorting and assembly machinery (SAM) complex of the outer mitochondrial membrane. The SAM complex has a role in integrating beta-barrel

Target Details

	proteins into the outer mitochondrial membrane (Humphries et al., 2005 [PubMed 15644312]).[supplied by OMIM]
Molecular Weight:	52 kDa
Gene ID:	25813
UniProt:	Q9Y512

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 cytosol
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.83 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.