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Datasheet for ABIN7118814 **anti-SEC13 antibody**

Overview

Quantity:	100 µg
Target:	SEC13
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEC13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	SEC13 homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SEC13
Alternative Name:	SEC13 (SEC13 Products)
Background:	Synonyms:D3S1231E, SEC13L1, SEC13R Background:Functions as a component of the nuclear pore complex(NPC) and the COPII coat. At the endoplasmic reticulum, SEC13 is involved in the biogenesis of COPII-coated vesicles. As a component of the GATOR subcomplex GATOR2,

Target Details

functions as an activator of the amino acid-sensing branch of the TORC1 pathway. Inhibits the GATOR1 subcomplex, an inhibitor of the amino acid-sensing branch of the TORC1 pathway(PubMed:23723238). Functions downstream and is regulated by amino acid sensors like SESN2(Probable).

Molecular Weight: 36 kDa

Gene ID: 6396

UniProt: [P55735](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months