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Datasheet for ABIN7161174
anti-C19orf46 antibody (AA 1-242)

Overview

Quantity:	100 µg
Target:	C19orf46
Binding Specificity:	AA 1-242
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C19orf46 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Nesprin-4 protein (1-242AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	C19orf46
Alternative Name:	SYNE4 (C19orf46 Products)
Background:	Background: As a component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex, involved in the connection between the nuclear lamina and the cytoskeleton. The

Target Details

nucleocytoplasmic interactions established by the LINC complex play an important role in the transmission of mechanical forces across the nuclear envelope and in nuclear movement and positioning. Behaves as a kinesin cargo, providing a functional binding site for kinesin-1 at the nuclear envelope. Hence may contribute to the establishment of secretory epithelial morphology by promoting kinesin-dependent apical migration of the centrosome and Golgi apparatus and basal localization of the nucleus.

Aliases: SYNE4 antibody, C19orf46 antibody, Nesprin-4 antibody, KASH domain-containing protein 4 antibody, KASH4 antibody, Nuclear envelope spectrin repeat protein 4 antibody

UniProt: [Q8N205](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.