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# anti-C19orf46 antibody (AA 1-242) (HRP)



#### Overview

Quantity:	100 μg
Target:	C19orf46
Binding Specificity:	AA 1-242
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C19orf46 antibody is conjugated to HRP
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.