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Datasheet for ABIN7167820

anti-RAI1 antibody (AA 617-823) (Biotin)

Overview

Quantity:	100 µg
Target:	RAI1
Binding Specificity:	AA 617-823
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAI1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Retinoic acid-induced protein 1 protein (617-823AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RAI1
Alternative Name:	RAI1 (RAI1 Products)
Background:	Background: Transcriptional regulator of the circadian clock components: CLOCK, ARNTL/BMAL1, ARNTL2/BMAL2, PER1/3, CRY1/2, NR1D1/2 and RORA/C. Positively regulates

Target Details

the transcriptional activity of CLOCK a core component of the circadian clock. Regulates transcription through chromatin remodeling by interacting with other proteins in chromatin as well as proteins in the basic transcriptional machinery. May be important for embryonic and postnatal development. May be involved in neuronal differentiation.

Aliases: RAI1 antibody, KIAA1820 antibody, Retinoic acid-induced protein 1 antibody

UniProt: [Q7Z5J4](#)

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.