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Datasheet for ABIN7152481
anti-FBXL21 antibody (AA 78-137) (Biotin)

Overview

Quantity:	100 µg
Target:	FBXL21
Binding Specificity:	AA 78-137
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXL21 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human F-box/LRR-repeat protein 21 protein (78-137AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FBXL21
Alternative Name:	FBXL21 (FBXL21 Products)
Background:	Background: Substrate-recognition component of the SCF(FBXL21) E3 ubiquitin ligase complex involved in circadian rhythm function. Plays a key role in the maintenance of both the speed and

Target Details

the robustness of the circadian clock oscillation. The SCF(FBXL21) complex mainly acts in the cytosol and mediates ubiquitination of CRY proteins (CRY1 and CRY2), leading to CRY proteins stabilization. The SCF(FBXL21) complex counteracts the activity of the SCF(FBXL3) complex and protects CRY proteins from degradation. Involved in the hypothalamic suprachiasmatic nucleus (SCN) clock regulating temporal organization of the daily activities (By similarity).

Aliases: F box and leucine rich repeat protein 21 antibody, F box and leucine rich repeat protein 3 pseudogene antibody, F box and leucine rich repeat protein 3B antibody, F box protein Fbl3b antibody, F box/LRR repeat protein 21 antibody, F box/LRR repeat protein 3B antibody, F-box and leucine-rich repeat protein 21 antibody, F-box and leucine-rich repeat protein 3B antibody, F-box/LRR-repeat protein 21 antibody, F-box/LRR-repeat protein 3B antibody, Fbl 21 antibody, FBL 3 antibody, FBL 3B antibody, Fbl21 antibody, FBL3 antibody, FBL3B antibody, FBXL 21 antibody, FBXL 3B antibody, FBXL 3P antibody, Fbxl21 antibody, FBXL3B antibody, FBXL3P antibody, FXL21_HUMAN antibody, MGC120237 antibody

UniProt: [Q9UKT6](#)

Pathways: [Photoperiodism](#)

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.