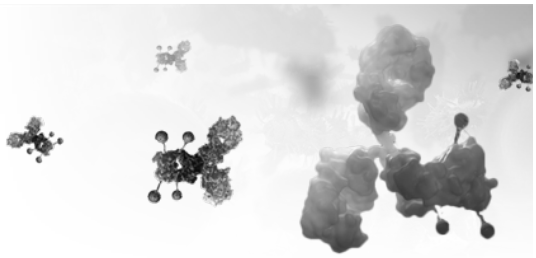

Mouse anti-Human CUL7 monoclonal antibody, clone 3H22 (CABT-B10051)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CUL7 (AAH33647, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3H22
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MVGELRYREFRVPLGPGLHAYPDELIRQRVGHDGHPEYQIRWLILRRGDEGDGGSGQVDC KAEHILLWMSKDEIYANCHKMLGEDGQVIGPSQESAGEVG
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a component of an E3 ubiquitin-protein ligase complex. The encoded protein interacts with TP53, CUL9, and FBXW8 proteins. Defects in this gene are

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	a cause of 3M syndrome type 1 (3M1). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]
Keywords	CUL7; cullin 7; 3M1; KIAA0076; dJ20C7.5; cullin-7; CUL-7;

GENE INFORMATION

Entrez Gene ID	9820
UniProt ID	Q14999
Pathway	Activation of Chaperones by IRE1alpha, organism-specific biosystem; Adaptive Immunity Signaling, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Immune System, organism-specific biosystem
Function	protein binding; ubiquitin protein ligase binding

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