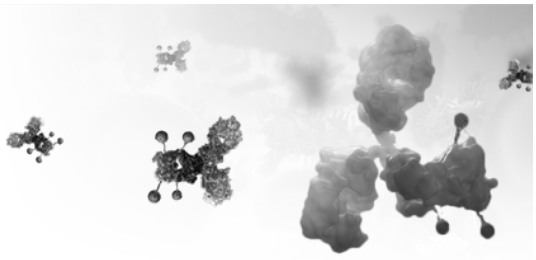

Mouse anti-Human FBXO6 monoclonal antibody, clone 4G21 (CABT-B10249)

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

PRODUCT INFORMATION

Immunogen	FBXO6 (AAH20880, 1 a.a. ~ 294 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4G21
Conjugate	Unconjugated
Applications	WB,IP,sELISA,ELISA
Sequence Similarities	MDAPHSKAALDSINELPENILLELFTHVPARQLLLNCRLVCSLWRDLIDLMTLWKRKCLR EGFITKDWDQPVADWKIFYFLRSLHRNLLRNPCAEEDMFAWQIDFNGGDRWKVESLPGAH GTDFPDPKVKKYFVTSYEMCLKSQLVDLVAEGYWEELLDTFRPDIVVKDWFAARADCGCT YQLKVQLASADYFVLASFEPPPVTIQQWNNATWTEVSYTFSDYPRGVRYILFQHGGRDTQ YWAGWYGPRVTNSSI
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

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Introduction	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class, and its C-terminal region is highly similar to that of rat NFB42 (neural F Box 42 kDa) which may be involved in the control of the cell cycle. [provided by RefSeq, Jul 2008]
Keywords	FBXO6; F-box protein 6; FBG2; FBS2; FBX6; Fbx6b; F-box only protein 6; F-box protein FBG2; F-box protein Fbx6; F-box/G-domain protein 2; F-box protein that recognizes sugar chains 2;

GENE INFORMATION

Entrez Gene ID	26270
UniProt ID	Q9NRD1
Pathway	Adaptive Immunity Signaling, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem
Function	carbohydrate binding; glycoprotein binding; protein binding; ubiquitin-protein ligase activity

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