



Anti-KDM2B (aa 457-555) polyclonal antibody (DPAB-DC3490)

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

PRODUCT INFORMATION

Antigen Description

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 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 Fbls class. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been determined.

Immunogen

FBXL10 (NP_115979, 457 a.a. ~ 555 a.a) partial recombinant protein with GST tag. The sequence is
 LGKKPKAPALRFLKRTLSNESEESVKSTTLAVDYPKTPTGSPATEVSAKWTHLTFELKG
 LKALVEKLESLPENKKCVPEGIEDPQALLEGVKNVLKEH

Source/Host

Mouse

Species Reactivity

Human

Conjugate

Unconjugated

Applications

WB (Recombinant protein), ELISA,

Size

50 µl

Buffer

50 % glycerol

Preservative

None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KDM2B lysine (K)-specific demethylase 2B [Homo sapiens (human)]
Official Symbol	KDM2B
Synonyms	KDM2B; lysine (K)-specific demethylase 2B; CXXC2; Fbl10; PCCX2; FBXL10; JHDM1B; lysine-specific demethylase 2B; F-box protein FBL10; F-box/LRR-repeat protein 10; CXXC-type zinc finger protein 2; protein-containing CXXC domain 2; [Histone-H3]-lysine-36 demethylase 1B; F-box and leucine-rich repeat protein 10; jumonji C domain-containing histone demethylase 1B; jmjC domain-containing histone demethylase 1B; JEMMA (Jumonji domain, EMSY-interactor, methyltransferase motif) protein;
Entrez Gene ID	84678
Protein Refseq	NP_001005366
UniProt ID	Q8NHM5
Chromosome Location	12q24.31
Function	DNA binding; histone demethylase activity; histone demethylase activity (H3-K36 specific); protein binding