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Datasheet

LIMK1 monoclonal antibody (M01), clone 1A8

Catalog Number: H00003984-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant LIMK1.

Clone Name: 1A8

Immunogen: LIMK1 (NP_002305, 548 a.a. ~ 647 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
ADPDYLPRTMDFGLNVRGFLDRYCPPNCPPSFFPITV
RCCDLDPEKRPSFVKLEHWLETLRMHLAGHLPLGPQL
EQLDRGFWETYRRGESGLPAHPEVPD

Host: Mouse

Reactivity: Human,Mouse,Rat

Applications: ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re (See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 3984

Gene Symbol: LIMK1

Gene Alias: LIMK

Gene Summary: There are approximately 40 known eukaryotic LIM proteins, so named for the LIM domains they contain. LIM domains are highly conserved cysteine-rich structures containing 2 zinc fingers. Although zinc fingers usually function by binding to DNA or RNA, the LIM motif probably mediates protein-protein interactions. LIM kinase-1 and LIM kinase-2 belong to a small subfamily with a unique combination of 2 N-terminal LIM motifs and a C-terminal protein kinase domain. LIMK1 is likely to be a component of an intracellular signaling pathway and may be involved in brain development. LIMK1 hemizygosity is implicated in the impaired visuospatial constructive cognition of Williams syndrome. [provided by RefSeq]