

Mouse Monoclonal Antibody to KLHL1

Catalogue Number	sAP-0462
Target Molecule	Name: KLHL1 Aliases: MRP2; FLJ30047; KIAA1490; KLHL1 MW: 82kDa Entrez Gene ID: 57626
Description	The mammalian Kelch like 1 (KLHL1) was initially discovered as a homolog to the <i>Drosophila</i> Kelch gene that is highly expressed in several brain tissues. The predicted protein domain structure of KLHL1 is characteristic of a number of proteins that bind actin, form dimers, and often act as actin organizing proteins. Based on the presence of anti sense RNA that spans the transcription and translation start sites as well as the first splice site of KLHL1 in brain tissue of individuals suffering from the neurodegenerative disorder spinocerebellar ataxia type 8 (SCA8), it has been suggested that KLHL1 is involved in this disease and that regulation of KLHL1 protein may be affected by antisense RNA expression. Tissue specificity: Highly expressed in brain.
Immunogen	Purified recombinant fragment of human KLHL1 expressed in E. Coli.
Recitative Species	Human
Clone	MM3A8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. DNA Res. 2000 Apr 28;7(2):143-50. ; 2. Nat Genet. 2004 Jan;36(1):40-5. ; 3. Science. 2005 Mar 11;307(5715):1621-5.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**