

Mouse Monoclonal Antibody to KLHL25

Catalogue Number	sAP-0418
Target Molecule	<p>Name: KLHL25</p> <p>Aliases: ENC2; ENC-2; FLJ12587; FLJ45015; KLHL25</p> <p>MW: 65kDa</p> <p>Entrez Gene ID: 64410</p>
Description	KLHL25 (ectoderm-neural cortex protein 2, ENC2) is a cytoplasmic protein that contains six Kelch regions and a single BTB (POZ) domain. KLHL25 is highly homologous to another Kelch-like protein, ENC1, and it is believed to operate in a manner similar to other Kelch-domain containing proteins. Kelch-domain repeat containing proteins often act as modifiers of Actin fibers. Expressed early in embryogenesis, ENC1 helps to mediate neuronal process formation. It also appears to have a role in neural crest cell differentiation. KLHL25 likely functions as a substrate specific adapter for protein ubiquitinating complexes. KLHL25 is expressed in most tissues with highest expression in brain and liver.
Immunogen	Purified recombinant fragment of human KLHL25 expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM1B7;
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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. BMC Med Genet. 2007 Sep 19;8 Suppl 1:S13. ; 2. Genome Res. 2004 Oct;14(10B):2136-44.

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**