

Mouse Monoclonal Antibody to KLHL25

Catalogue Number sAP-0418

Target Molecule **Name:** KLHL25

Aliases: ENC2; ENC-2; FLJ12587; FLJ45015; KLHL25

MW: 65kDa

Entrez Gene ID: 64410

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. ;

Reactive 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 H2O, 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**