

Anti-HEY2 Polyclonal Antibody

Cat: K107966P

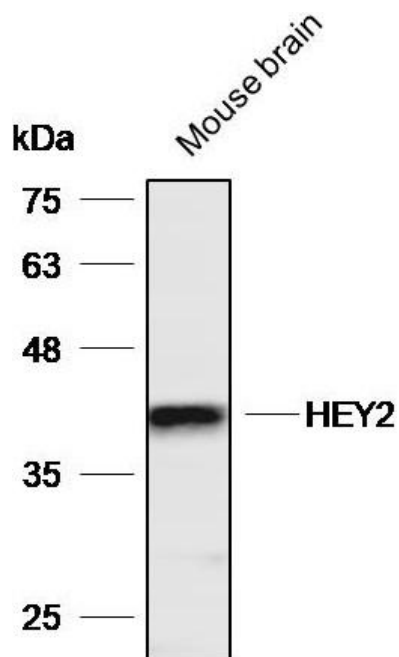
Summary:

【Product name】 : Anti-HEY2 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse
【Swiss Prot】 : Q9UBP5	【Gene ID】 : 23493
【Calculated】 : MW:35kDa	【Observed】 : MW:41kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB	
【Recommended dilution】 : WB 1:1000-3000.	
【WB Positive sample】 : Mouse brain	
【Subcellular location】 : Nucleus	
【Immunogen】 : A synthetic peptide of human HEY2	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

Background:

This gene encodes a member of the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcription factors. The encoded protein forms homo- or hetero-dimers that localize to the nucleus and interact with a histone deacetylase complex to repress transcription. Expression of this gene is induced by the Notch signal transduction pathway. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternatively spliced transcript variants have been found, but their biological validity has not been determined.

Verified picture



Western blot analysis with HEY2 antibody
diluted at 1:2000; Lane: Mouse brain