

Anti-A-MYB Antibody

Catalog # AP53778

Product Information

Application WB Primary Accession P10243

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW85887

Additional Information

Gene ID 4603

Other Names AMYB; Myb-related protein A; A-Myb; Myb-like protein 1

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human A-MYB. The exact sequence is proprietary.

Dilution WB~~1/500 - 1/1000

Format Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name MYBL1

Synonyms AMYB

Function Transcription factor that specifically recognizes the sequence

5'-YAAC[GT]G-3' (PubMed:<u>7987850</u>, PubMed:<u>8058310</u>). Acts as a master regulator of male meiosis by promoting expression of piRNAs: activates expression of both piRNA precursor RNAs and expression of protein-coding genes involved in piRNA metabolism (By similarity). The piRNA metabolic process mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons, which is essential for the germline integrity (By similarity). Transcriptional activator of SOX30 (By

similarity).

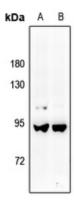
Cellular Location Nucleus {ECO:0000250 | UniProtKB:P51960}.

Tissue Location Expressed in a variety of lymphoid and solid tumor lines cultured in vitro

Background

Rabbit polyclonal antibody to A-MYB

Images



Western blot analysis of A-MYB expression in mouse brain (A), rat brain (B) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.