

HLF Rabbit mAb

Catalog # AP76534

Product Information

Application	WB
Primary Accession	Q16534
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	33199

Additional Information

Gene ID	3131
Other Names	HLF
Dilution	WB~~1:1000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	HLF
Cellular Location	Nucleus.
Tissue Location	Highly expressed in liver; lower levels in lung and kidney

Background

Hepatic leukemia factor (Hlf), is a novel hepatic protein of the proline and acidic amino acid-rich basic leucine zipper (bZip) family, previously studied for its role in circadian rhythm regulated neurotransmitter metabolism in the brain (PMID: 29166614). HLF is an essential regulator of HSC quiescence and that HLF deficiency leads to an exhaustion of HSCs in adult mouse BM during regeneration or following cytotoxic stress (PMID: 29262330). Hlf is able to bind DNA specifically as a homodimer or as a heterodimer with other PAR factors (PMID: 1516826). Western blot analysis detected bands 33 kDa whereas the 66 kDa could be the dimer form of Hlf.

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