

Catalog Number:E-AB-62629

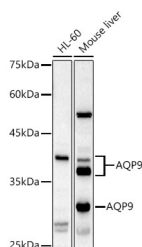
Description

Reactivity	Human,Mouse
Immunogen	A synthetic peptide of human AQP9
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

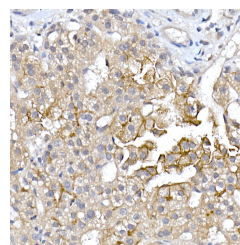
Applications	Recommended Dilution
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WB	1:500-1:2000
IHC	1:50-1:200

Data



Observed Mw:32KDa,37-43KDa
Calculated Mw:31kDa



Immunohistochemistry of paraffin-embedded human liver cancer using AQP9 Polyclonal Antibody at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.
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Background

The aquaporins are a family of water-selective membrane channels. This gene encodes a member of a subset of aquaporins called the aquaglyceroporins. This protein allows passage of a broad range of noncharged solutes and also stimulates urea transport and osmotic water permeability. This protein may also facilitate the uptake of glycerol in hepatic tissue . The encoded protein may also play a role in specialized leukocyte functions such as immunological response and bactericidal activity. Alternate splicing results in multiple transcript variants.

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