For Research Use Only

CALML6 Polyclonal antibody

Catalog Number:22274-1-AP 2 Publications



Basic Information

Catalog Number:

22274-1-AP

Size:

GenBank Accession Number:

NM_138705

GeneID (NCBI):

Q8TD86

Full Name:

calmodulin-like 6

Calculated MW: 21 kDa

150ul, Concentration: 600 ug/ml by 163688

Nanodrop and 540 ug/ml by Bradford UNIPROT ID:

method using BSA as the standard; Source:

Rabbit Isotype: IgG

> Observed MW: 21 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

Species Specificity: human, pig

human

Cited Species:

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 **Positive Controls:**

WB: human heart tissue, pig heart tissue

IHC: human heart tissue, human prostate hyperplasia

tissue

Background Information

CALML6, also named as CAGLP, CALGP, belongs to the calmodulin family and Calglandulin subfamily. It contains 4 EF-hand domains. The antibody is specific to CALML6.

Notable Publications

Author	Pubmed ID	Journal	Application
Caixia Cheng	39571661	Gene	IHC
Linjing Li	39155627	Technol Cancer Res Treat	IHC

Storage

Storage

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

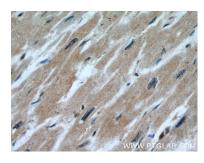
Selected Validation Data

 $66kd \rightarrow$ $45kd \rightarrow$ $35kd \rightarrow$ $25kd \rightarrow$ $18kd \rightarrow$ $14kd \rightarrow$

human heart tissue were subjected to SDS PAGE followed by western blot with 22274-1-AP (CALML6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human heart using 22274-1-AP (CALML6 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human heart using 22274-1-AP (CALML6 antibody) at dilution of 1:50 (under 40x lens).