

# PRUNE2 Polyclonal antibody

Catalog Number: 11458-1-AP

Featured Product

4 Publications

## Basic Information

## Catalog Number:

11458-1-AP

## Size:

300 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG2025

## GenBank Accession Number:

BC019095

## GeneID (NCBI):

158471

## UNIPROT ID:

Q8WUY3

## Full Name:

prune homolog 2 (Drosophila)

## Calculated MW:

341 kDa

## Observed MW:

140~150 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, ELISA

## Cited Applications:

WB, IP, IF, IHC

## Species Specificity:

human

## Cited Species:

human, mouse

**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:

IHC : human liver cancer tissue,

## Background Information

PRUNE2 gene, also named BMCC1, encodes protein prune homolog 2. PRUNE2 gene are overlapping with PCA3, one of the most prostate cancer specific markers. PRUNE2 may play an important role in regulating differentiation, survival and aggressiveness of the tumor cells. Besides its high level of expression seen in the nervous system (brain, cerebellum and spinal cord), it is also expressed at high levels in noneuroblastoma, rhabdomyosarcoma, melanoma and some osteosarcoma cell lines, whereas at only low levels in cancer cell lines of liver, breast, thyroid and colon. The Calculated molecular weight of this protein is 340 kDa. Our antibody specifically recognises the 140-150 kDa band which is an isoform or cleaved fragment of PRUNE2 (PMID:21234814).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ahmad Salameh	26080435	Proc Natl Acad Sci U S A	WB, IF, IP
Y Tatsumi	25611382	Cell Death Dis	WB, IHC
Ting Li	35069850	Exp Ther Med	WB, 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

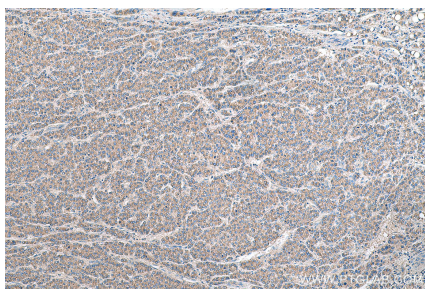
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11458-1-AP (PRUNE2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).