

CRISP3 Polyclonal antibody

Catalog Number: 14847-1-AP

Featured Product

4 Publications

Basic Information

Catalog Number:

14847-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006061

GeneID (NCBI):

10321

UNIPROT ID:

P54108

Full Name:

cysteine-rich secretory protein 3

Calculated MW:

28 kDa

Observed MW:

29 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human

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 saliva, human placenta tissue, Jurkat cells, mouse colon tissue, mouse ovary tissue, mouse thymus tissue

IP : human placenta tissue,

IHC : human prostate cancer tissue, human pancreas tissue

Background Information

CRISP3, also known as SGP28, is a glycoprotein that belongs to a family of cysteine-rich secretory proteins (CRISPs). CRISP3 was originally discovered in human neutrophils, but transcripts are widely distributed in exocrine glands (salivary glands, pancreas, and prostate) and also found at lower levels in epididymis, ovary, thymus, and colon. CRISP3 is a potential biomarker for prostate cancer. This antibody can recognize both CRISP2 and CRISP3.

Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Ming Wang	36263172	Int J Biol Sci	WB, IHC
X Liu	36267015	J Dent Res	WB
Paola A Rojas	28376177	J Natl Cancer Inst	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

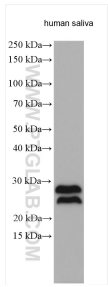
For technical support and original validation data for this product please contact:

T: 4006900926

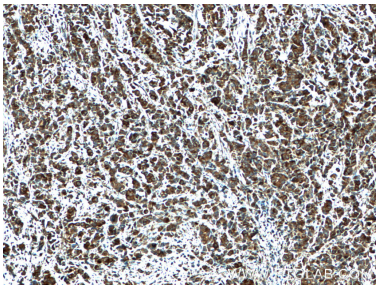
E: Proteintech-CN@ptglab.comW: ptgcn.com

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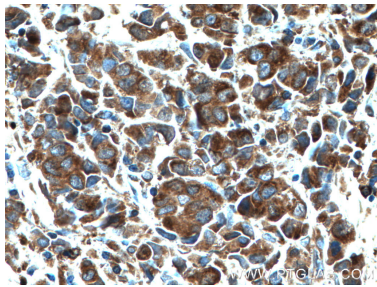
Selected Validation Data



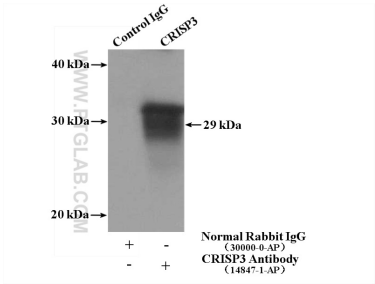
human saliva samples were subjected to SDS PAGE followed by western blot with 14847-1-AP (CRISP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14847-1-AP (CRISP3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14847-1-AP (CRISP3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-CRISP3 (IP:14847-1-AP, 4ug; Detection:14847-1-AP 1:300) with human placenta tissue lysate 1520ug.