

SerpinB3/SerpinB4 Polyclonal antibody

Catalog Number: 11428-1-AP

Basic Information

Catalog Number:

11428-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 327 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1964

GenBank Accession Number:

BC017401

GeneID (NCBI):

6318

UNIPROT ID:

P48594

Full Name:

serpin peptidase inhibitor, clade B (ovalbumin), member 4

Calculated MW:

390 aa, 45 kDa

Observed MW:

42-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: A431 cells, COLO 320 cells, human saliva

Background Information

Squamous cell carcinoma antigens 1 and 2 (SCCA1 and 2, SERPIN B3 and B4) are members of the ovalbumin family of serine proteinase inhibitors. SCCA1 and SCCA2 are highly homologous proteins, 91% identical at the amino acid level, and probably evolving from a common ancestor gene. The neutral form of SCCA (SCCA1, or SERPINB3) is detected in the cytoplasm of normal and some malignant squamous cells, whereas the acidic form (SCCA2, or SERPINB4) is expressed primarily in malignant cells and is the major form found in the plasma of cancer patients. SCCA2 (SERPINB4), along with SCCA1 (SERPINB3), can be processed into smaller fragments that aggregate to form an autoantigen in psoriasis, probably by causing chronic inflammation. This antibody can recognize both SerpinB3 and SerpinB4.

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

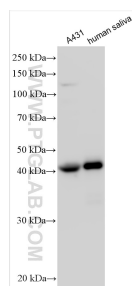
***** 20ul sizes contain 0.1% BSA**

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11428-1-AP (SERPINB4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.