

Datasheet for ABIN3043569
anti-RCAS1 antibody (AA 31-213)

5 Images

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Overview

Quantity:	100 µg
Target:	RCAS1 (EBAG9)
Binding Specificity:	AA 31-213
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Receptor-binding cancer antigen expressed on SiSo cells(EBAG9) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human EBAG9 recombinant protein (Position: R31-S213). Human EBAG9 shares 97.8% and 94.5% amino acid (aa) sequence identity with mouse and rat EBAG9, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Receptor-binding cancer antigen expressed on SiSo cells(EBAG9) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: estrogen receptor binding site associated, antigen, 9</p> <p>Protein Name: Receptor-binding cancer antigen expressed on SiSo cells</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	RCAS1 (EBAG9)
Alternative Name:	EBAG9 (EBAG9 Products)
Background:	<p>Receptor-binding cancer antigen expressed on SiSo cells is a protein that in humans is encoded by the EBAG9 gene. This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor, which binds to the estrogen-responsive element found in the 5'-flanking region of this gene. And the encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Alternate splicing results in multiple transcript variants. A pseudogene of this gene has been defined on chromosome 10.</p> <p>Synonyms: BAG9 antibody Cancer associated surface antigen antibody Cancer associated surface antigen RCAS1 antibody Cancer-associated surface antigen RCAS1 antibody EB9 antibody EBAG 9 antibody EBAG9 antibody Estrogen receptor binding fragment associated gene 9 protein antibody Estrogen receptor binding site associated antigen 9 antibody estrogen receptor binding site associated, antigen, 9 antibody Estrogen receptor-binding fragment-associated gene 9 protein antibody PDAF antibody RCAS 1 antibody RCAS1 antibody RCAS1_HUMAN antibody Receptor binding cancer antigen expressed on SiSo cells antibody Receptor-binding cancer antigen expressed on SiSo cells antibody</p>
Gene ID:	9166
UniProt:	O00559

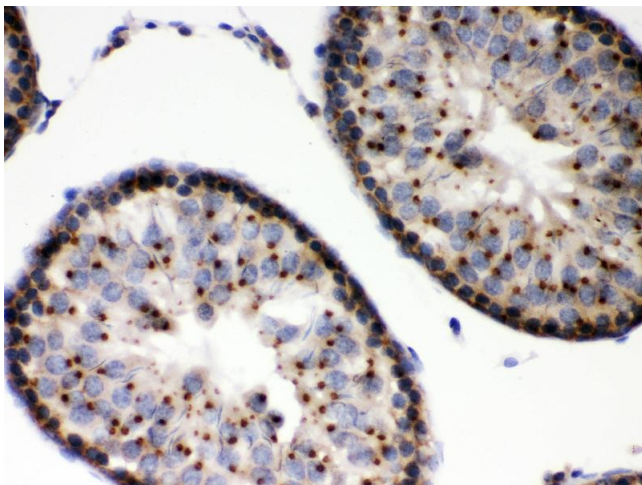
Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

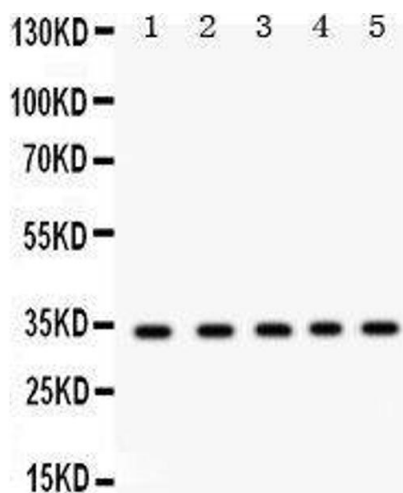
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



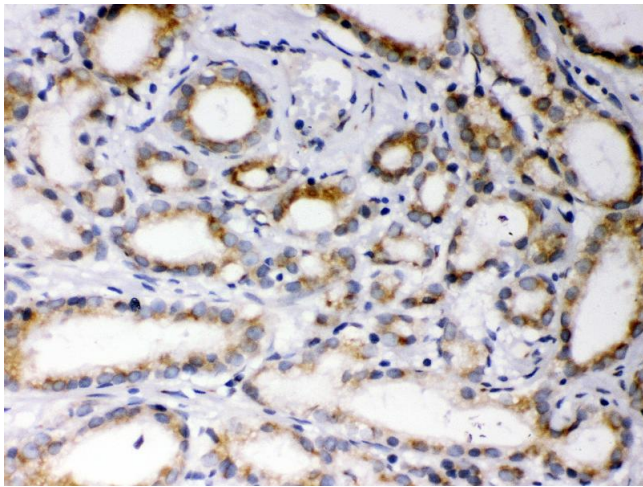
Immunohistochemistry

Image 1. Anti- EBAG9 Picoband antibody,IHC(P) IHC(P): Rat Testis Tissue



Western Blotting

Image 2.



Immunohistochemistry

Image 3. Anti- EBAG9 Picoband antibody,IHC(P) IHC(P):
Human Prostatic Cancer Tissue

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3043569.