

EBAG9 Antibody

EBAG9, estrogen receptor binding site associated, antigen, 9, HGNC:3123, EB9, PDAF, RCAS1, cancer associated surface antigen, estrogen receptor binding site associated antigen 9

CATALOG NO.: 45-515

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

EBAG9 Antibody.

SOURCE:

EBAG9 antibody was raised against a synthetic peptide of EBAG9.

PROTEIN ACCESSION NUMBER(S) :

NP_004206.1

SPECIES REACTIVITY:

Human, Mouse, Rat, Dog

TESTED APPLICATION:

WB, E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:64,000.
Western Blot: Approx 26kDa band observed in lysates of cell lines HEK293 and A431 (calculated MW of 24.4kDa according to NP_004206.1 and NP_004206.1).
Recommended concentration: 1-3µg/ml. A minor band of unknown identity was also consistently observed at 75kDa. This band was successfully blocked by incubation with the immunising peptide.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of EBAG9 in A431 lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide using EBAG9 antibody (0.2µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Ruder C, Reimer T, Delgado-Martinez I, Hermosilla R, Engelsberg A, Nehring R, Dorken B, Rehm A. EBAG9 adds a new layer of control on large dense-core vesicle exocytosis via interaction with Snapin. Mol Biol Cell. 2005 Mar;16(3):1245-57. Epub 2005 Jan 5.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.