


Product datasheet

Anti-BAIAP2L1/IRTKS antibody ab226344

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Overview

Product name	Anti-BAIAP2L1/IRTKS antibody
Description	Rabbit polyclonal to BAIAP2L1/IRTKS
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Cynomolgus monkey, Rhesus monkey, Gorilla, Orangutan 
Immunogen	Synthetic peptide within Human BAIAP2L1/IRTKS aa 461-511. The exact sequence is proprietary. Database link: Q9UHR4
Positive control	WB: HeLa and HEK-293T whole cell lysates. IP: HEK-293T whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate pH 7-8
Purity	Immunogen affinity purified
Purification notes	ab226344 was affinity purified using an epitope specific to BAIAP2L1/IRTKS immobilized on

	solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

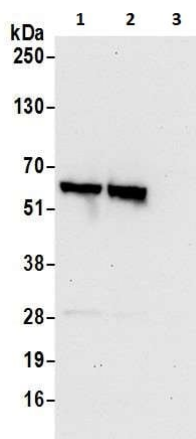
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab226344 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 57 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Function	May function as adapter protein. Involved in the formation of clusters of actin bundles. Plays a role in the reorganization of the actin cytoskeleton in response to bacterial infection.
Sequence similarities	Contains 1 IMD (IRSp53/MIM homology) domain. Contains 1 SH3 domain.
Domain	The IMD domain is predicted to have a helical structure. It may induce actin bundling and filopodia formation.
Post-translational modifications	Phosphorylated on tyrosine in response to insulin.
Cellular localization	Cytoplasm, cytoskeleton. Recruited to actin pedestals that are formed upon infection by bacteria at bacterial attachment sites.

Images



Western blot - Anti-BAIAP2L1/IRTKS antibody (ab226344)

All lanes : Anti-BAIAP2L1/IRTKS antibody (ab226344) at 0.1 mg/ml

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 3 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

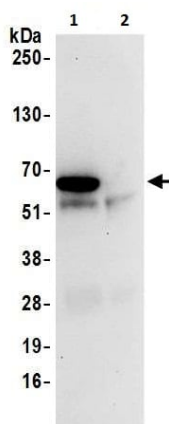
Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 57 kDa

Exposure time: 30 seconds

Cells prepared using NETN lysis buffer.



Immunoprecipitation - Anti-BAIAP2L1/IRTKS antibody (ab226344)

BAIAP2L1/IRTKS was immunoprecipitated from HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate (1 mg for IP, 20% of IP loaded) with ab226344 at 6 µg per reaction. Western blot was performed from the immunoprecipitate using ab226344 at 1 µg/ml.

Lane 1: ab226344 IP in HEK-293T whole cell lysate.

Lane 2: Control IgG IP in HEK-293T whole cell lysate.

Detection: Chemiluminescence with exposure time of 30 seconds.

Cells prepared using NETN lysis buffer.

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