

Datasheet for ABIN6940957
anti-BAP1 antibody (AA 191-326)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	BAP1
Binding Specificity:	AA 191-326
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAP1 antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant human BAP1 protein fragment (around aa 191-326) (exact sequence is proprietary)
Clone:	BAP1-2431
Isotype:	IgG2c kappa
Purification:	Purified by Protein A/G

Target Details

Target:	BAP1
Alternative Name:	BAP1 (BAP1 Products)
Background:	The BAP1 gene belongs to the ubiquitin C-terminal hydrolase subfamily of de-ubiquitination

Target Details

enzymes that are involved in the removal of ubiquitin from proteins. The encoded enzyme binds to the breast cancer type 1 susceptibility protein (BRCA1) via the RING finger domain of the latter and acts as a tumor suppressor. In addition, the enzyme may be involved in regulation of transcription, regulation of cell cycle and growth, response to DNA damage and chromatin dynamics. Germ line mutations in this gene may be associated with tumor predisposition syndrome (TPDS), which involves increased risk of cancers including malignant mesothelioma, Uveal melanoma and cutaneous melanoma.

Molecular Weight: 91kDa

Gene ID: 8314

UniProt: [Q92560](#)

Application Details

Application Notes: Positive Control: Jurkat or PC-3 or HepG2 cells. Testis, Placenta, Ovarian or Breast Carcinoma.
Known Application: ELISA (For coating, order Ab without BSA), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

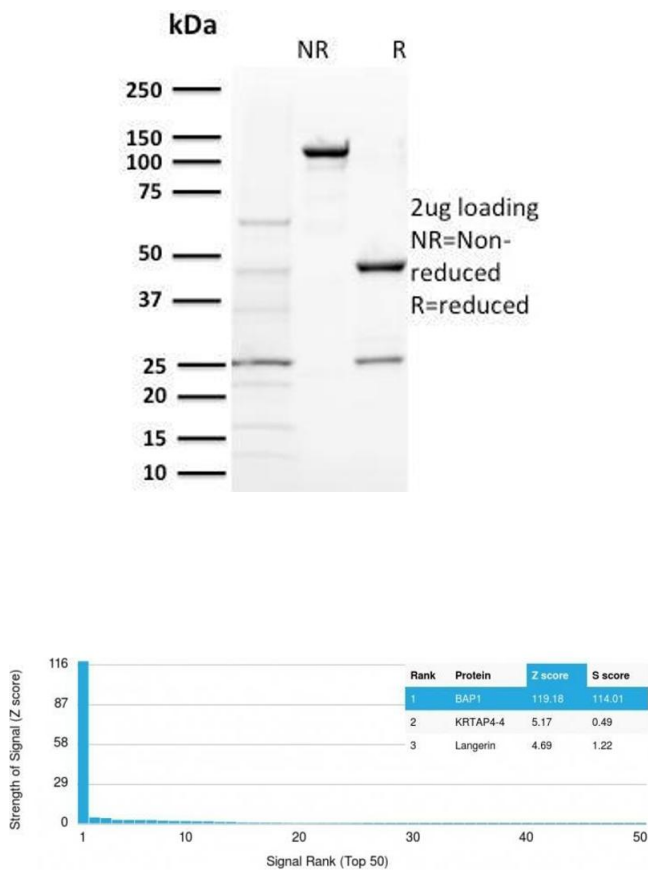
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified BAP1 Mouse Monoclonal Antibody (BAP1/2431). Confirmation of Purity and Integrity of Antibody.

Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using BAP1 Mouse Monoclonal Antibody (BAP1/2431). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.