

Datasheet for ABIN7300998
anti-BRP44L antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	BRP44L
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRP44L antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BRP44L.
Specificity:	Recognizes endogenous levels of BRP44L protein.
Characteristics:	Rabbit polyclonal antibody to BRP44L
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	BRP44L
Alternative Name:	BRP44L (BRP44L Products)

Target Details

Background:	BRP44L, Mitochondrial pyruvate carrier 1, Brain protein 44-like protein
Gene ID:	51660, 55951, 171087
UniProt:	Q9Y5U8 , P63030 , P63031
Pathways:	Warburg Effect

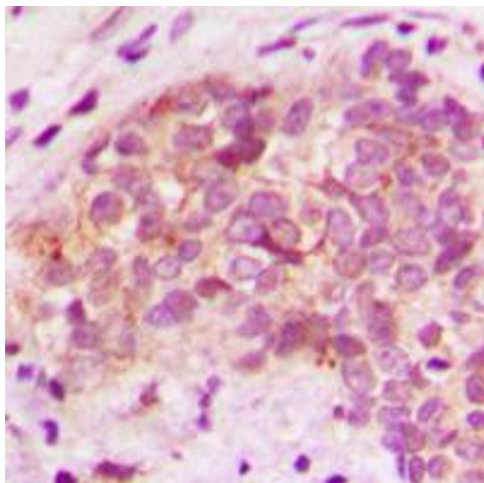
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

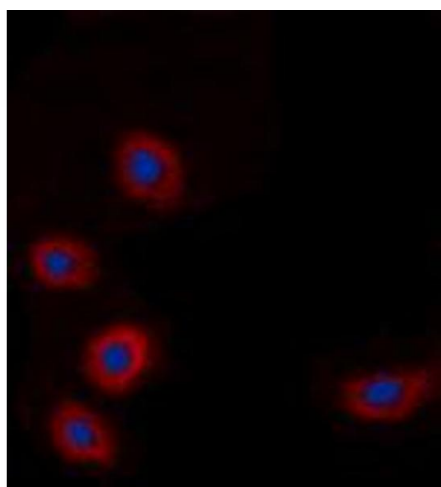
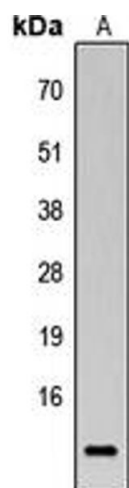
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of BRP44L staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with



haematoxylin and mounted with DPX.

Western Blotting

Image 2. Western blot analysis of BRP44L expression in human liver (A) whole cell lysates.

Immunofluorescence

Image 3. Immunofluorescent analysis of BRP44L staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).