

Datasheet for ABIN1881118

anti-BRAF antibody**2** Images**6** Publications[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	BRAF
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRAF antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This BRAF antibody is generated from rabbits immunized with BRAF recombinant protein.
Clone:	RB22681
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BRAF
Alternative Name:	BRAF (BRAF Products)
Background:	BRAF, a member of the RAF subfamily of Ser/Thr protein kinases, is involved in the transduction of mitogenic signals from the cell membrane to the nucleus. It may play a role in the postsynaptic responses of hippocampal neurons. This cytoplasmic protein is expressed in brain and testis. Defects in BRAF are involved in a wide range of cancers including lung cancer

Target Details

	and non-Hodgkin lymphoma (NHL). This protein contains 1 zinc-dependent phorbol-ester and DAG binding domain.
Molecular Weight:	84437
NCBI Accession:	NP_004324
UniProt:	P15056
Pathways:	MAPK Signaling , RTK Signaling , Neurotrophin Signaling Pathway , Ribonucleoprotein Complex Subunit Organization , Hepatitis C , Autophagy

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

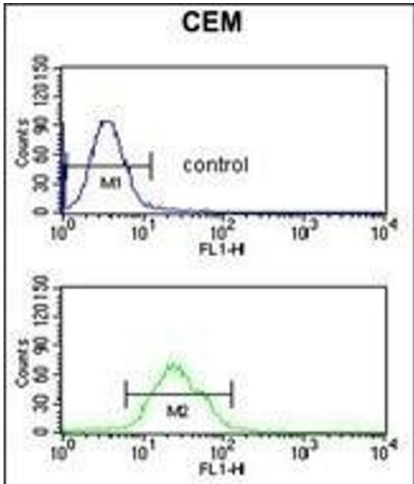
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

Publications

Product cited in: Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5942, pp. 834-40, (2009) ([PubMed](#)).

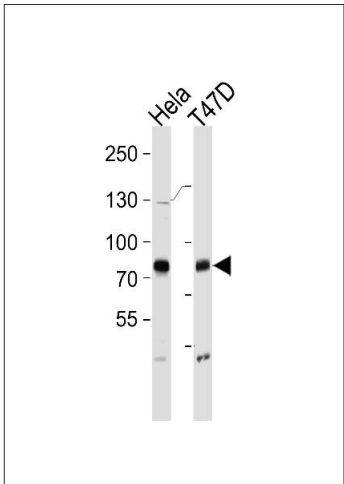
Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: **Gene**, Vol. 142, Issue 2, pp. 301-5, (1994) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)



Flow Cytometry

Image 1. BRAF Antibody n flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. BRAF Antibody n western blot analysis in HeLa,T47D cell line lysates (35 µg/lane).This demonstrates the BRAF antibody detected the BRAF protein (arrow).