

Anti-Phospho-BRAF (Thr401) Antibody (2Z641)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2Z641
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in A549 whole cell lysate(treated with EGF or not)-All lanes Phospho-BRAF antibody at 1.3µg/ml-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 85 KDa <p>-Observed band size: 85 KDa</p> <p>2. Immunofluorescence staining of HepG2 cells with TMAH-00884 at 1:100,counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).</p>
Application:	ELISA,IF,WB
Recommended	WB:1:500-1:5000; IF:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human Phospho-BRAF (T401)
Antigen Species:	Human
Gene ID:	673
Uniprot ID:	P15056
Synonyms:	EC 2.7.11.1;BRAF1;Serine/threonine-protein kinase B-raf;v-Raf murine sarcoma viral oncogene homolog B1;Proto-oncogene B-Raf;p94;BRAF (p-Thr401);p-BRAF (T401);RAFB1;Phospho-BRAF (T401);BRAF (p-T401);p-BRAF (Thr401)
Biology Area:	Cell Biology

Research Background

Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus (Probable). Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway. May play a role in the postsynaptic responses of hippocampal neurons.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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