

[Go to Product page](#)

Datasheet for ABIN5689742

anti-ABL1/2 antibody (pTyr393, pTyr429)

Overview

Quantity:	0.1 mg
Target:	ABL1/2 (ABL1/ABL2)
Binding Specificity:	pTyr393, pTyr429
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABL1/2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	ABL1/2 (phospho-Tyr393/429) antibody was raised against a peptide sequence around phosphorylation site of tyrosine 393/429 (D-T-Y (p) -T-A) derived from Human ABL1/2.
Specificity:	This antibody detects endogenous level of ABL1/2 only when phosphorylated at tyrosine393/429.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Target Details

Target:	ABL1/2 (ABL1/ABL2)
Alternative Name:	ABL1 / 2 (ABL1/ABL2 Products)

Target Details

Background: Regulates cytoskeleton remodeling during cell differentiation, cell division and cell adhesion. Localizes to dynamic actin structures, and phosphorylates CRK and CRKL, DOK1, and other proteins controlling cytoskeleton dynamics. Regulates DNA repair potentially by activating the proapoptotic pathway when the DNA damage is too severe to be repaired. Phosphorylates PSMA7 that leads to an inhibition of proteasomal activity and cell cycle transition blocks.

Molecular Weight: 210 kDa

Gene ID: 25, 27

NCBI Accession: [NP_005148](#), [NP_001129472](#)

UniProt: [P00519](#), [P42684](#)

Application Details

Application Notes: Western Blot: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Antibody supplied in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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: Store antibody at -20°C for up to one year.