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Datasheet for ABIN363102 **anti-ABL1/2 antibody (AA 391-395)**

Overview

Quantity:	100 µL
Target:	ABL1/2 (ABL1/ABL2)
Binding Specificity:	AA 391-395
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABL1/2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around AA 391-395, 427-431 (D-T-Y-T-A) derived from ABL1, 2 Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates.
Isotype:	IgG
Specificity:	The antibody detects endogenous levels of total ABL1/2 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Specificity/Sensitivity ABL1/2 (Ab-393/429) Antibody detects endogenous levels of total ABL1/2 protein.

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

NCBI Accession: [NP_001129](#), [NP_005148](#)

UniProt: [P42684](#)

Application Details

Application Notes: Western blotting: 1:500-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 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: 4 °C/-20 °C

Storage Comment: Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.