

c-Abl (phospho Tyr412) antibody

Cat. No. GTX50859

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ICC/IF	1:100-1:200
IHC-P	1:50-1:100

Not tested in other applications.

Calculated MW

123 kDa. ([Note](#))

Product Note

This antibody is raised against human c-Abl (isoform b) phosphorylated at Tyr412. Based on sequence homology, it is predicted to react with c-Abl (isoform a) or ABL2 when phosphorylated at the corresponding residues - c-Abl (isoform a) Tyr393 or ABL2 Tyr439.

Properties

Form	Liquid
Buffer	PBS, 150mM NaCl, 50% Glycerol
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of tyrosine 412 (D-T-Y(p)-T-A) derived from Human c-Abl.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated



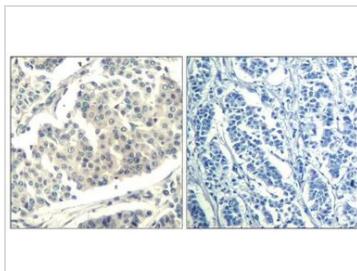
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Note

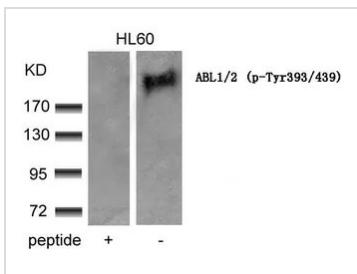
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DATA IMAGES**GTX50859 IHC-P Image**

IHC-P analysis of human breast carcinoma tissue using GTX50859 c-Abl (phospho Tyr412) antibody.

Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide

**GTX50859 WB Image**

WB analysis of extracts from HL-60 cells using GTX50859 c-Abl (phospho Tyr412) antibody with or without blocking peptide.

**GTX50859 ICC/IF Image**

ICC/IF analysis of methanol-fixed HeLa cells using GTX50859 c-Abl (phospho Tyr412) antibody.



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