

Rabbit ABL2 Polyclonal Antibody | anti-ABL2 antibody

Anti-ABL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46593	Rabbit	Human, Mouse No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

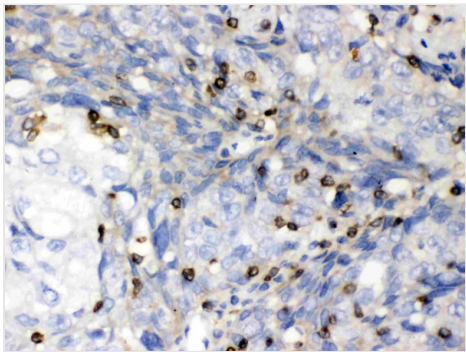
PRODUCT SYNONYMS

ABL2; Polyclonal Antibody; Anti-ABL2 Antibody; ABL 2; ABL-2; ABL2; ARG; Abelson-related gene protein; Tyrosine-protein kinase ARG; P42684; Abelson tyrosine-protein kinase 2; ABL proto-oncogene 2; non-receptor tyrosine kinase; anti-ABL2 antibody

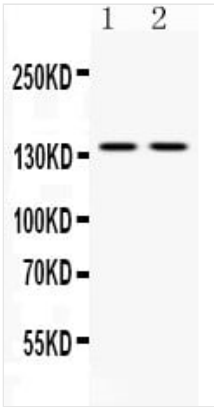
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1064
Applicable Applications for anti-ABL2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human ABL2 recombinant protein (Position: T1065-R1182). Human ABL2 shares 97.5% amino acid (aa) sequence identity with mouse ABL2.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
ABL2 was detected in paraffin-embedded sections of human lung cancer tissues using rabbit anti- ABL2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of ABL2 expression in mouse brain extract (lane 1) and HELA whole cell lysates (lane 2). ABL2 at 140KD was detected using rabbit anti- ABL2 Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-ABL2 antibody	Rabbit IgG polyclonal antibody for Abelson tyrosine-protein kinase 2 (ABL2) detection. Background: Tyrosine-protein kinase ABL2, also known as Abelson-related gene (Arg), is an enzyme that in humans is encoded by the ABL2 gene. This gene encodes a member of the Abelson family of nonreceptor tyrosine protein kinases. The protein is highly similar to the c-abl oncogene 1 protein, including the tyrosine kinase, SH2 and SH3 domains, and it plays a role in cytoskeletal rearrangements through its C-terminal F-actin- and microtubule-binding sequences. This gene is expressed in both normal and tumor cells, and is involved in translocation with the ets variant 6 gene in leukemia. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene.
References	1. "Entrez Gene: ABL2 v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)". 2. Cao C, Leng Y, Li C, Kufe D (April 2003). "Functional interaction between the c-Abl and Arg protein-tyrosine kinases in the oxidative stress response". J. Biol. Chem. 278 (15): 12961-7. 3. Kruh GD, King CR, Kraus MH, Popescu NC, Amsbaugh SC, McBride WO, Aaronson SA(Jan 1987). "A novel human gene closely related to the abl proto-oncogene". Science234 (4783): 1545-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862772
NCBI GeneID	27
NCBI Accession #	NP_001129472.1
NCBI GenBank Nucleotide #	NM_001136000.2
UniProt Accession #	P42684; Q5T0X6; Q5W0C5; Q6NZY6; Q7Z301; A0M8X0; B7UEF2; B7UEF3; B7UEF4; B7UEF5
Molecular Weight	60,864 Da
NCBI Official Full Name	Abelson tyrosine-protein kinase 2 isoform d
NCBI Official Synonym Full Names	ABL proto-oncogene 2, non-receptor tyrosine kinase
NCBI Official Symbol	ABL2
NCBI Official Synonym Symbols	ARG; ABLL
NCBI Protein Information	Abelson tyrosine-protein kinase 2
UniProt Protein Name	Abelson tyrosine-protein kinase 2
UniProt Gene Name	ABL2

UniProt Synonym Gene Names	ABLL; ARG
UniProt Entry Name	ABL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abl2-antibody-immunohistochemistry-western-blot-elisa/46593>