



Rabbit Anti-Human ABL1 polyclonal antibody (CABT-L1696)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ABL1
Immunogen	Synthetic peptide from the sequence adjacent to protein tyrosine kinase domain of human c-Abl.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	120 kDa
Cellular Localization	Cytoplasm
Positive Control	Placenta
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond

the expiration date.

BACKGROUND

Introduction

The c-Abl proto-oncogene encodes a protein tyrosine kinase that is located in the cytoplasm and nucleus. In chronic myelogenous leukemia and in a subset of acute lymphoblastic leukemias, the c-Abl proto-oncogene undergoes a (9; 22) chromosomal translocation producing a novel rearranged chromosome (the Philadelphia chromosome) ; as the result of the fusion of c-Abl sequences from chromosome 9 to the Bcr gene on chromosome 22. The molecular consequence of this translocation is the generation of a chimeric Bcr/Abl mRNA encoding activated Abl protein tyrosine kinase.

Keywords

ABL1;ABL proto-oncogene 1;non-receptor tyrosine kinase;ABL;JTK7;bcr/abl;c-ABL;c-p150;v-abl

GENE INFORMATION

Entrez Gene ID

[25](#)

UniProt ID

[P00519](#)
