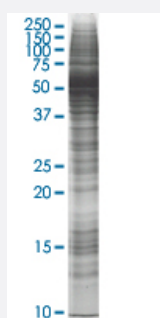


# ABL2 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

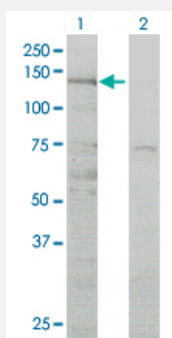
Catalog # L022T6      Size 100 ug

## Applications



### SDS-PAGE Gel

ABL2 transfected lysate



### Western Blot

Lane 1: ABL2 transfected lysate ( 127 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                       |                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Transfected Cell Line | HEK293                                                                                                                                |
| Plasmid               | pCMV-ABL2 full length                                                                                                                 |
| Host                  | Human                                                                                                                                 |
| Theoretical MW (kDa)  | 127                                                                                                                                   |
| Lysis Buffer          | Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF. |
| Concentration         | 2 mg/ml                                                                                                                               |

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-ABL2 antibody ([H00000027-M05](#)) by Western Blots.  
SDS-PAGE Gel  
ABL2 transfected lysate  
Western Blot  
Lane 1: ABL2 transfected lysate ( 127 KDa).  
Lane 2: Non-transfected lysate.

**Recommend Usage**

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

**Storage Buffer**

In modified RIPA Lysis Buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

## Gene Info — ABL2

Entrez GeneID

[27](#)

GeneBank Accession#

[BC065912](#)

Protein Accession#

[AAH65912](#)

Gene Name

ABL2

Gene Alias

ABLL, ARG, FLJ22224, FLJ31718, FLJ41441

Gene Description

v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)

Omim ID

[164690](#)

Gene Ontology

[Hyperlink](#)

**Gene Summary**

This gene encodes a member of the Abelson family of nonreceptor tyrosine protein kinase. The protein is highly similar to the ABL1 protein, including the tyrosine kinase, SH2 and SH3 domains, and has a role in cytoskeletal rearrangements by 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 ETV6 gene in leukemia. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

Abelson murine leukemia viral (v-abl) oncogene homolog 2|Abelson-related gene protein|OTTHU MP00000033139|arg tyrosine kinase|v-abl Abelson murine leukemia viral oncogene homolog 2

**Pathway**

- [ErbB signaling pathway](#)

**Disease**

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)