

# ECA39 Polyclonal Antibody

Catalog # AP73626

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC-P, IF, ICC, E  |
| <b>Primary Accession</b> | <a href="#">P54687</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 42966                  |

## Additional Information

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|---------------------------|---|
| <b>Gene ID</b>            | 586   |
| <b>Other Names</b>        | BCAT1; BCT1; ECA39; Branched-chain-amino-acid aminotransferase, cytosolic; BCAT(c); Protein ECA39   |
| <b>Dilution</b>           | WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A |
| <b>Format</b>             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.   |
| <b>Storage Conditions</b> | -20°C   |

## Protein Information

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|--------------------------|---|
| <b>Name</b>              | BCAT1   |
| <b>Synonyms</b>          | BCT1, ECA39 {ECO:0000303   PubMed:8692959}  |
| <b>Function</b>          | Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine. |
| <b>Cellular Location</b> | Cytoplasm {ECO:0000250   UniProtKB:P54690}.   |
| <b>Tissue Location</b>   | During embryogenesis, expressed in the brain and kidney. Overexpressed in MYC-induced tumors such as Burkitt's lymphoma     |

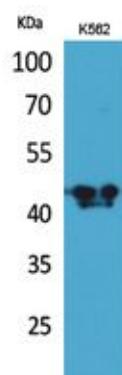
## Background

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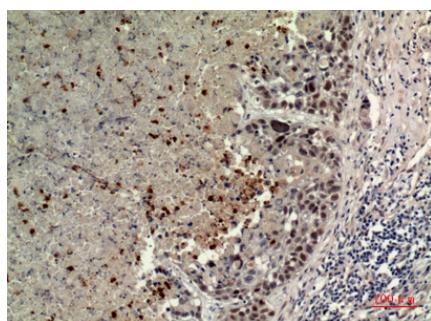
Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine.

## Images

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Western Blot analysis of K562 cells using ECA39 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.