

ECA39 Polyclonal Antibody
Catalog # AP73626**Specification****ECA39 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	P54687
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

ECA39 Polyclonal Antibody - Additional Information**Gene ID 586****Other Names**

BCAT1; BCT1; ECA39; Branched-chain-amino-acid aminotransferase, cytosolic; BCAT(c); Protein ECA39

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ECA39 Polyclonal Antibody - Protein Information**Name** BCAT1**Synonyms** BCT1, ECA39 {ECO:0000303|PubMed:8692959}**Function**

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

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P54690}.

Tissue Location

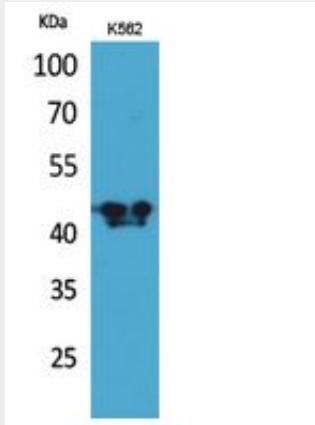
During embryogenesis, expressed in the brain and kidney. Overexpressed in MYC-induced tumors such as Burkitt's lymphoma

ECA39 Polyclonal Antibody - Protocols

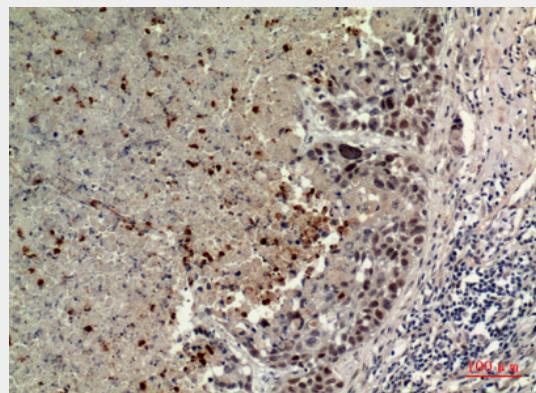
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ECA39 Polyclonal Antibody - Images



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

ECA39 Polyclonal Antibody - Background

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