10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BCAT1 / ECA39 Antibody (clone 3F5)

Mouse Monoclonal Antibody
Catalog # ALS16299

Specification

BCAT1 / ECA39 Antibody (clone 3F5) - Product Information

Application	**WB**
Primary Accession	P54687
Reactivity	**Human, Mouse, Dog**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**43kDa KDa**

BCAT1 / ECA39 Antibody (clone 3F5) - Additional Information

Gene ID 586

Other Names
Branched-chain-amino-acid aminotransferase, cytosolic, BCAT(c), 2.6.1.42, Protein ECA39, BCAT1, BCT1, ECA39

Target/Specificity
Human BCAT1 / ECA39

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
BCAT1 / ECA39 Antibody (clone 3F5) is for research use only and not for use in diagnostic or therapeutic procedures.

BCAT1 / ECA39 Antibody (clone 3F5) - Protein Information

Name BCAT1

Synonyms BCT1, ECA39

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

Cellular Location
Cytoplasm.

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

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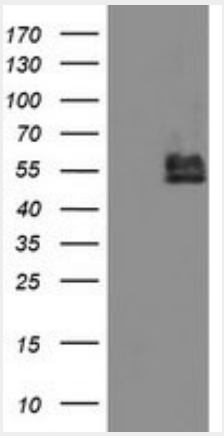
BCAT1 / ECA39 Antibody (clone 3F5) - Protocols

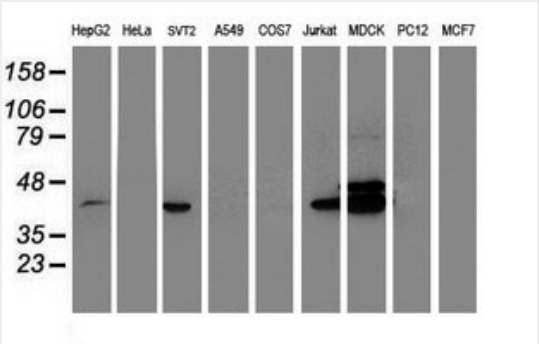
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BCAT1 / ECA39 Antibody (clone 3F5) - Images



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BCAT1...



Western blot of extracts (35 ug) from 9 different cell lines by using anti-BCAT1 monoclonal...

BCAT1 / ECA39 Antibody (clone 3F5) - Background

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

BCAT1 / ECA39 Antibody (clone 3F5) - References

Schuldiner O.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:7143-7148(1996).
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