

## Product Datasheet

### BCAT1 Rabbit Polyclonal Antibody (orb48005)

<b>Catalog Number</b>	orb48005
<b>Category</b>	Antibodies
<b>Description</b>	BCAT1 Rabbit Polyclonal Antibody
<b>Target</b>	Branched-chain-amino-acid aminotransferase, cytosolic
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
<b>Buffer/Preservatives</b>	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
<b>Reconstitution</b>	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
<b>Purification</b>	Immunogen affinity purified.
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence at the C-terminus of human BCAT1, different from the related mouse sequence by one amino acid, rat sequence by three amino acids.
<b>UniProt ID</b>	<b>P54687</b>
<b>MW</b>	43 kDa

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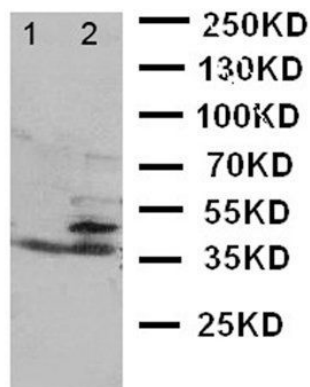
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<b>Tested applications</b>	FC, IHC, WB
<b>Dilution range</b>	Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Mouse, Rat Flow Cytometry(Fixed), 1-3 µg/1x10 <sup>6</sup> cells, Human
<b>Specificity</b>	No cross reactivity with other proteins.
<b>Cross Reactivity</b>	No cross-reactivity with other proteins
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Lane 1: HELA Cell Lysate, Lane 2: JURKAT Cell Lysate using BCAT1 antibody

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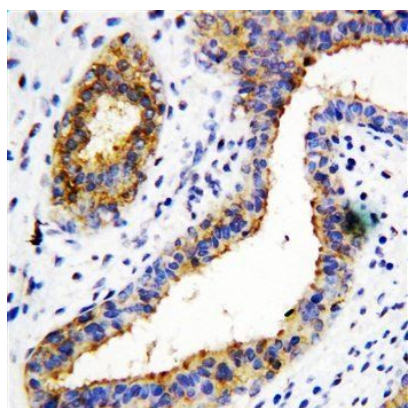
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Immunohistochemical analysis of formalin-fixed paraffin embedded Human Mammary Cancer Tissue using BCAT1 antibody

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