

Anti-BCAT2 antibody (28-392) (STJ29562)

STJ29562

GENERAL INFORMATION

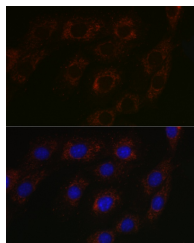
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

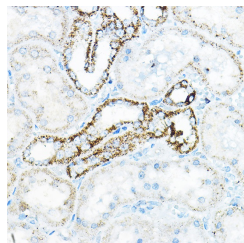
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

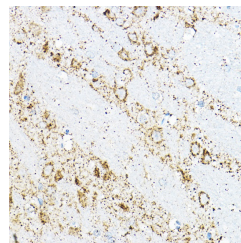
Gene ID	587
Gene Symbol	BCAT2
Uniprot ID	BCAT2_HUMAN
Immunogen	
Immunogen Region	28-392
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 28-392 of human BCAT2 (NP_001181.2).
Immunogen Sequence	ASSSFKAADLQLEMTQKPHK KPGPGGEPLVFGKFTDHLML VEWNDKGWGQPRIQPFQNL LHPASSSLHYSLQLFEGMKA FKGKDQQVRLFRPWLNM DRM LRSAMRLCLPSFDKLELLEC IRRLEVDKDWVPDAAGTSL YVRPVLIGNEPSLGVSQPTR ALLFVLICPVGAYFPGGSVT PVSL LADPAFIRAWVGGVGN YKLGGNYGPTVLVQQEALKR GCEQVLWLYGPDHQLTEVG



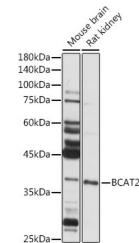
Immunofluorescence analysis of NIH-3T3 cells using BCAT2 Rabbit polyclonal antibody (STJ29562) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of BCAT2 in paraffin-embedded mouse kidney using BCAT2 Rabbit polyclonal antibody (STJ29562) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of BCAT2 in paraffin-embedded rat brain using BCAT2 Rabbit polyclonal antibody (STJ29562) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using BCAT2 Rabbit polyclonal antibody (STJ29562) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081