

Product datasheet for **TA308141**

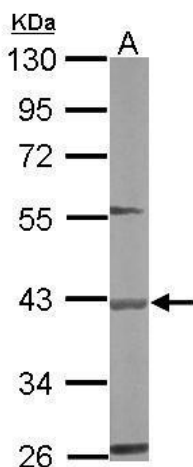
BBOX1 Rabbit Polyclonal Antibody

Product data:

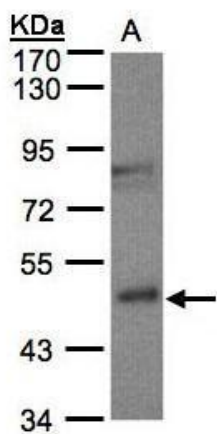
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 293 of BBOX1 (Uniprot ID#O75936)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	gamma-butyrobetaine hydroxylase 1
Database Link:	NP_003977 Entrez Gene 170442 Mouse Entrez Gene 8424 Human O75936
Background:	This gene encodes gamma butyrobetaine hydroxylase which catalyzes the formation of L-carnitine from gamma-butyrobetaine, the last step in the L-carnitine biosynthetic pathway. Carnitine is essential for the transport of activated fatty acids across the mitochondrial membrane during mitochondrial beta-oxidation. [provided by RefSeq]
Synonyms:	BBH; BBOX; G-BBH; gamma-BBH
Protein Pathways:	Lysine degradation



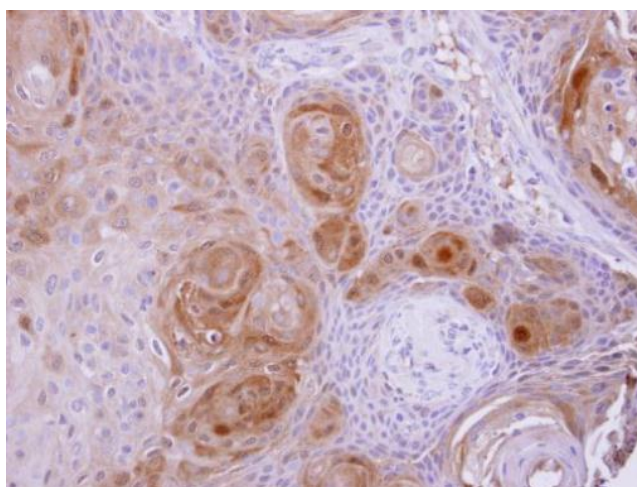
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Product images:


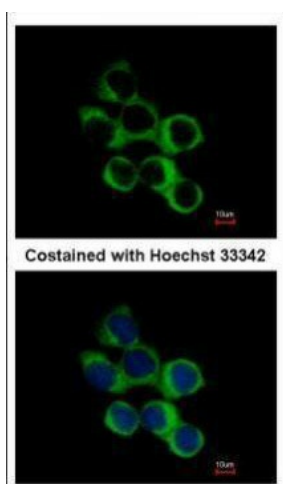
Sample (50 ug of whole cell lysate). A: mouse liver. 10% SDS PAGE. TA308141 diluted at 1:500.



Sample (30 ug of whole cell lysate). A: MOLT4. 7.5% SDS PAGE. TA308141 diluted at 1:500



BBOX1 antibody detects BBOX1 protein at cytosol on Ca922 xenograft by immunohistochemical analysis. Sample: Paraffin-embedded Ca922 xenograft. BBOX1 antibody (TA308141) dilution: 1:500.



Immunofluorescence analysis of methanol-fixed A431, using BBOX1 (TA308141) antibody at 1:500 dilution.