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Product datasheet for TA369822

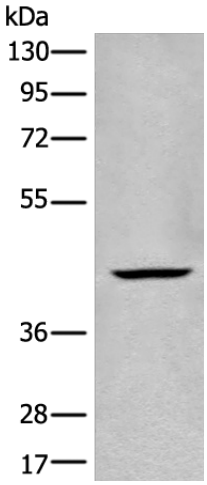
BBOX1 Rabbit Polyclonal Antibody

Product data:

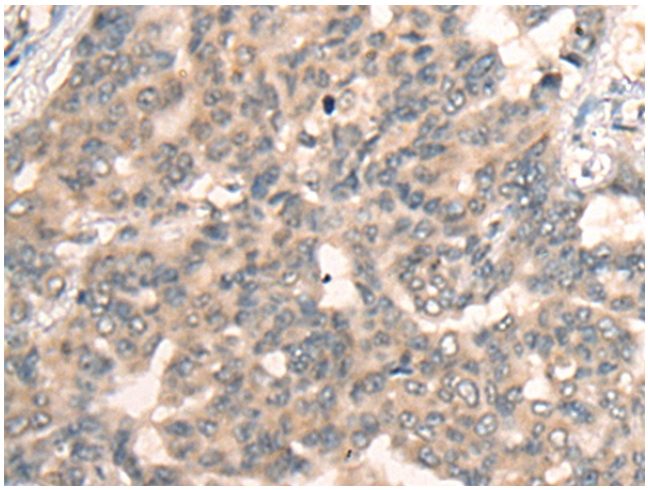
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human kidney tissue lysate IHC: 30-150 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BBOX1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	45 kDa
Gene Name:	gamma-butyrobetaine hydroxylase 1
Database Link:	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.
Synonyms:	BBH; BBOX; G-BBH; Gamma-BBH

View online »

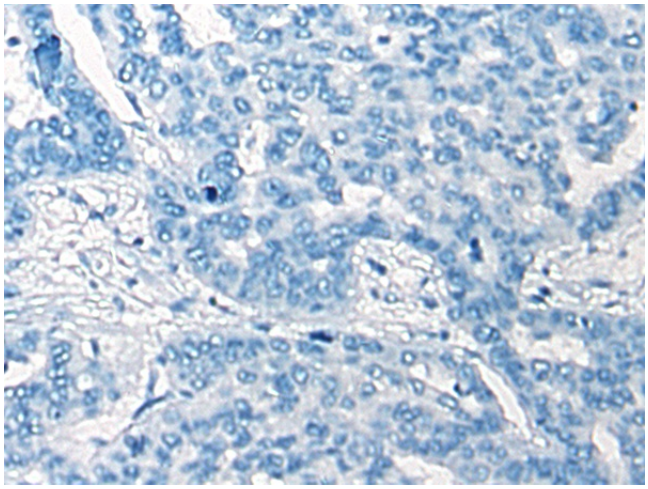
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Human kidney tissue lysate
Primary antibody: TA369822 (BBOX1 Antibody) at dilution 1/650
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369822 (BBOX1 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369822 (BBOX1 Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: ×200)