

BCKDHA antibody [HL2405]

Cat. No. GTX638622

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Wm
Reactivity	Human, Mouse, Zebrafish

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Wm	Assay dependent

Not tested in other applications.

Observed MW (kDa) 50 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of human BCKDHA.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

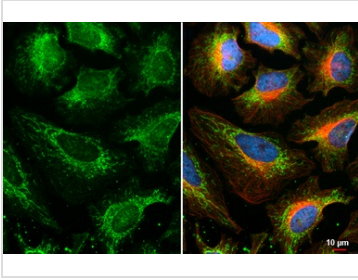
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DATA IMAGES

**GTX638622 ICC/IF Image**

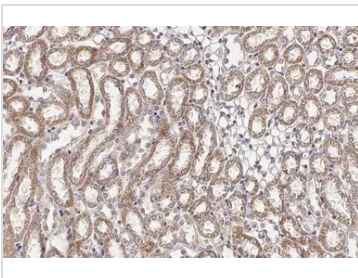
BCKDHA antibody [HL2405] detects BCKDHA protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: BCKDHA stained by BCKDHA antibody [HL2405] (GTX638622) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

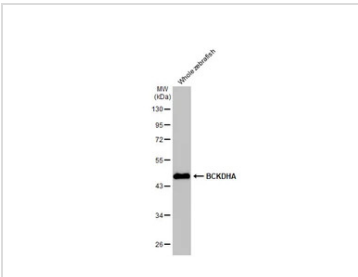
**GTX638622 IHC-P Image**

BCKDHA antibody [HL2405] detects BCKDHA protein at mitochondria by immunohistochemical analysis.

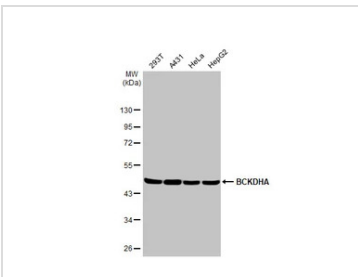
Sample: Paraffin-embedded mouse kidney.

BCKDHA stained by BCKDHA antibody [HL2405] (GTX638622) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX638622 WB Image**

Whole zebrafish extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with BCKDHA antibody [HL2405] (GTX638622) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX638622 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with BCKDHA antibody [HL2405] (GTX638622) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX638622 IHC-Wm Image**

BCKDHA antibody [HL2405] detects BCKDHA protein on whole mount zebrafish by immunohistochemical analysis.

Sample: Paraformaldehyde-fixed 2 days-post-fertilization zebrafish embryo.

Green: BCKDHA stained by BCKDHA antibody [HL2405] (GTX638622) diluted at 1:100.

Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70°C



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