

Hsp70 antibody

Cat. No. GTX112963

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

References (1)

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	1:100-1:1000
IHC-Wm	Assay dependent

Not tested in other applications.

Calculated MW 70 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.84 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Hsp70. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

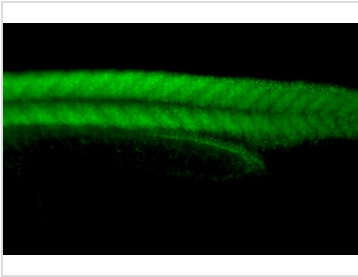


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Note

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DATA IMAGES

GTx112963 IHC-Wm Image

Hsp70 antibody detects Hsp70 protein on whole mount zebrafish by immunohistochemical analysis.

Sample: Paraformaldehyde-fixed 1 day-post-fertilization zebrafish embryo.

Green: Hsp70 stained by Hsp70 antibody (GTx112963) diluted at 1:100.

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

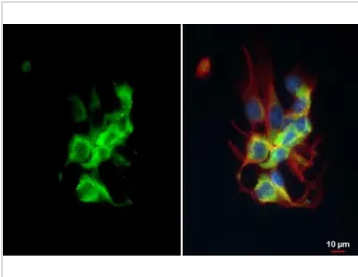

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GTx112963 ICC/IF Image

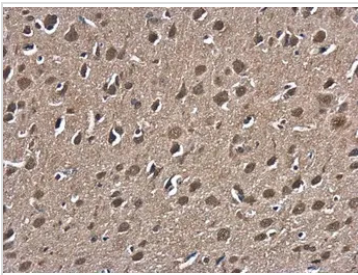
Hsp70 antibody detects Hsp70 protein at cytoplasm by immunofluorescent analysis.

Sample: U87-MG cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Hsp70 stained by Hsp70 antibody (GTx112963) 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).


GTx112963 IHC-P Image

Hsp70 antibody detects Hsp70 protein at cytoplasm in rat brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

Hsp70 antibody (GTx112963) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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