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Datasheet for ABIN2854950
anti-Hsc70 antibody (C-Term)

6 Images

Overview

Quantity:	100 µL
Target:	Hsc70 (HSPA8)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hsc70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human HSC70. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Pig (Porcine), Rhesus Monkey
Cross-Reactivity (Details):	Pig (100 %), Rhesus Monkey (100 %)
Characteristics:	Rabbit Polyclonal antibody to Hsc70 (heat shock 70 kDa protein 8) HSC70 antibody
Purification:	Affinity purified by Protein A.

Target Details

Target:	Hsc70 (HSPA8)
Alternative Name:	HSC70 (HSPA8 Products)
Background:	<p>The product encoded by this gene belongs to the heat shock protein 70 family which contains both heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. This gene encodes a heat-shock cognate protein. This protein binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Two alternatively spliced variants have been characterized to date.</p> <p>Cellular Localization: Cytoplasm , Melanosome</p>
Molecular Weight:	71 kDa
Gene ID:	3312

Application Details

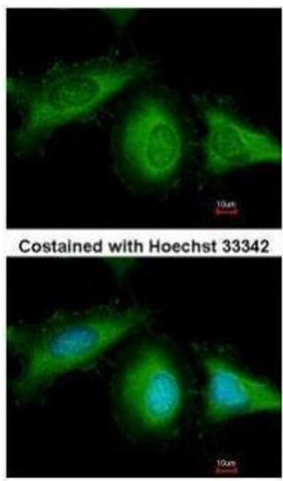
Application Notes:	<p>Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:1000-1:10000* Not tested in other applications.</p> <p>*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:1000-1:10000*</p>
Comment:	Positive Control: 293T , A431 , H1299 , HeLa , HepG2 , Molt-4 , Raji , mouse brain
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	10 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

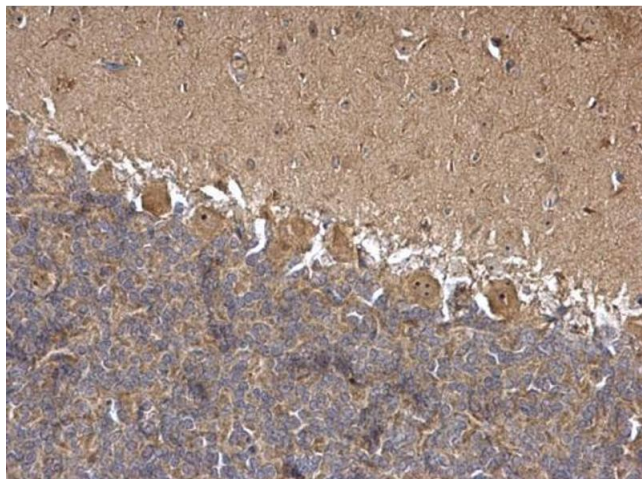
cycles.

Images



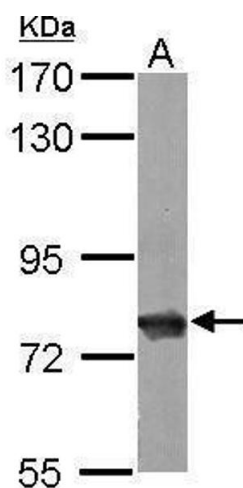
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using HSC70, antibody at 1:200 dilution.



Immunohistochemistry

Image 2. IHC-P Image HSC70 antibody detects HSC70 protein at nucleolus on rat hind brain by immunohistochemical analysis. Sample: Paraffin-embedded rat hind brain. HSC70 antibody , dilution: 1:500.



Western Blotting

Image 3. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 7.5% SDS PAGE antibody diluted at 1:5000

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2854950.