

Datasheet for ABIN7114884 **anti-HSPA2 antibody**



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Overview

Quantity:	100 µg
Target:	HSPA2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	heat shock 70kDa protein 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	HSPA2
Alternative Name:	HSPA2 (HSPA2 Products)
Background:	Synonyms: Background: In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes

Target Details

through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. Plays a role in spermatogenesis. In association with SHCBP1L may participate in the maintenance of spindle integrity during meiosis in male germ cells.

Molecular Weight: 65-70 kDa

Gene ID: 3306

UniProt: [P54652](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months