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Datasheet for ABIN5540727  
**anti-HINT2 antibody (AA 18-163)**

### Overview

Quantity:	0.1 mL
Target:	HINT2
Binding Specificity:	AA 18-163
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HINT2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	Recombinant human HINT2 (18-163aa) purified from E. coli.
Clone:	AT5B10
Isotype:	IgG1
Purification:	Protein-A affinity chromatography

### Target Details

Target:	HINT2
Alternative Name:	hint2 ( <a href="#">HINT2 Products</a> )
Background:	Histidine triad nucleotide binding protein 2 (HINT2) is a mitochondrial protein. This protein is an AMP-lysine hydrolase and phosphoamidase and may contribute to tumor suppression. This

## Target Details

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protein is a member of the HIT superfamily and Hint subfamily, which are characterized as nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides. HINT2 regulates steroidogenesis through calcium-dependent and calcium-independent signaling pathways that may serve to maintain a favorable mitochondrial potential. Its role in calcium homeostasis may also contribute to its proapoptotic function in hepatocytes and other non-steroidogenic cells, though the exact mechanism remains unclear.

UniProt: [Q9BX68](#)

## Application Details

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Application Notes: The antibody has been tested by ELISA, Western blot analysis and Flow cytometry to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Liquid. In Phosphate-Buffered Saline ( pH 7.4) with 0.02 % Sodium Azide, 10 % Glycerol.

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: 4 °C,-20 °C

Storage Comment: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months