

Datasheet for ABIN7249004  
**anti-HAS1 antibody**



[Go to Product page](#)

3 Images

### Overview

Quantity:	200 µL
Target:	HAS1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Synthetic peptide of human HAS1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

### Target Details

Target:	HAS1
Alternative Name:	HAS1 ( <a href="#">HAS1 Products</a> )
Background:	Hyaluronan or hyaluronic acid (HA) is a high molecular weight unbranched polysaccharide synthesized by a wide variety of organisms from bacteria to mammals, and is a constituent of the extracellular matrix. It consists of alternating glucuronic acid and N-acetylglucosamine residues that are linked by beta-1-3 and beta-1-4 glycosidic bonds. HA is

## Target Details

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synthesized by membrane-bound synthase at the inner surface of the plasma membrane, and the chains are extruded through pore-like structures into the extracellular space. It serves a variety of functions, including space filling, lubrication of joints, and provision of a matrix through which cells can migrate. HA is actively produced during wound healing and tissue repair to provide a framework for ingrowth of blood vessels and fibroblasts. Changes in the serum concentration of HA are associated with inflammatory and degenerative arthropathies such as rheumatoid arthritis.

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Molecular Weight: 65 kDa

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NCBI Accession: [NP\\_001514](#)

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UniProt: [Q92839](#)

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Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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Application Notes: WB 1:200-1:1000, IHC 1:50-1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.9 mg/mL

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Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

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Preservative: Sodium azide

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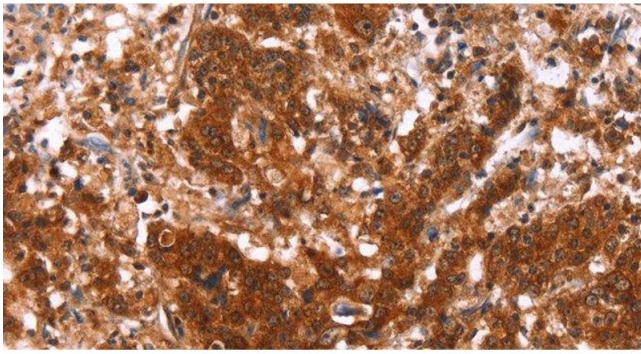
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

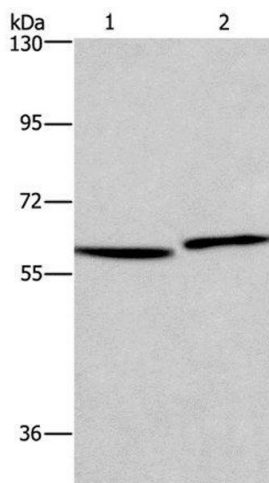
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



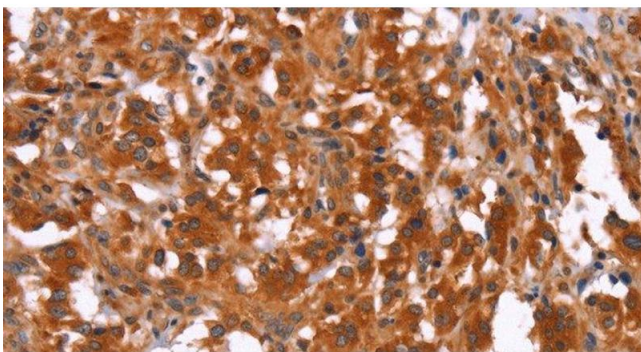
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human gastric cancer using HAS1 Polyclonal Antibody at dilution of 1:30



#### Western Blotting

**Image 2.** Western Blot analysis of Human testis and prostate tissue using HAS1 Polyclonal Antibody at dilution of 1:350



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human thyroid cancer using HAS1 Polyclonal Antibody at dilution of 1:30