

## **Product datasheet for TA335072**

## **HABP2** Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-HABP2 antibody: synthetic peptide directed towards the middle

region of human HABP2. Synthetic peptide located within the following region:

EPSTKLPGFDSCGKTEIAERKIKRIYGGFKSTAGKHPWQASLQSSLPLTI

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 63 kDa

**Gene Name:** hyaluronan binding protein 2

Database Link: NP 004123

Entrez Gene 3026 Human

Q14520



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Background:

HABP2 is an extracellular serine protease that binds hyaluronic acid and is involved in cell adhesion. It is synthesized as a single chain, but then undergoes an autoproteolytic event to form the functional heterodimer. Further autoproteolysis leads to smaller, inactive peptides. This protease is known to cleave urinary plasminogen activator, coagulation factor VII, and the alpha and beta chains of fibrinogen, but not prothrombin, plasminogen, or the gamma chain of fibrinogen. The protein encoded by this gene is an extracellular serine protease that binds hyaluronic acid and is involved in cell adhesion. The encoded protein is synthesized as a single chain, but then undergoes an autoproteolytic event to form the functional heterodimer. Further autoproteolysis leads to smaller, inactive peptides. This protease is known to cleave urinary plasminogen activator, coagulation factor VII, and the alpha and beta chains of fibrinogen, but not prothrombin, plasminogen, or the gamma chain of fibrinogen. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

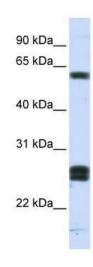
Synonyms: FSAP; HABP; HGFAL; NMTC5; PHBP

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Bovine: 93%

**Protein Families:** Druggable Genome, Protease, Secreted Protein

## **Product images:**



WB Suggested Anti-HABP2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive

Control: MCF7 cell lysate