

Product datasheet for **CF809338**

HABP2 Mouse Monoclonal Antibody [Clone ID: OTI5H3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5H3
Applications:	IHC, WB
Recommended Dilution:	IHC 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 33-330 of human HABP2 (NP_004123) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60.2 kDa
Gene Name:	hyaluronan binding protein 2
Database Link:	NP_004123 Entrez Gene 3026 Human Q14520



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Background:

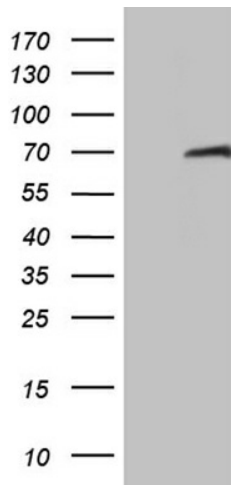
The protein encoded by this gene is an extracellular serine protease that binds hyaluronic acid and is involved in cell adhesion. The encoded protein is synthesized as a single chain, but then undergoes an autoproteolytic event to form the functional heterodimer. Further autoproteolysis leads to smaller, 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]

Synonyms:

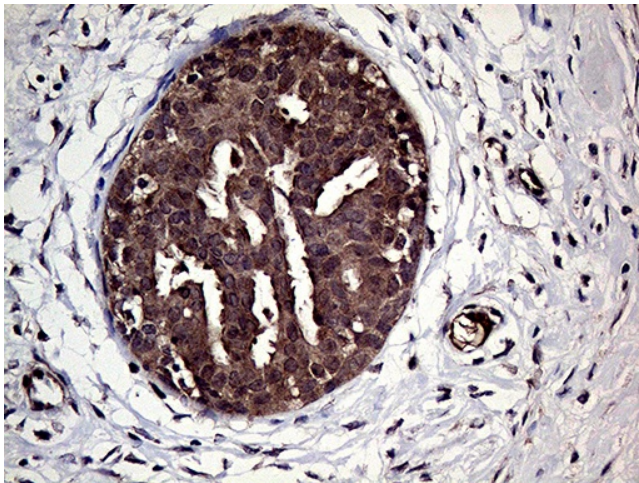
FSAP; HABP; HGFAL; NMTC5; PHBP

Protein Families:

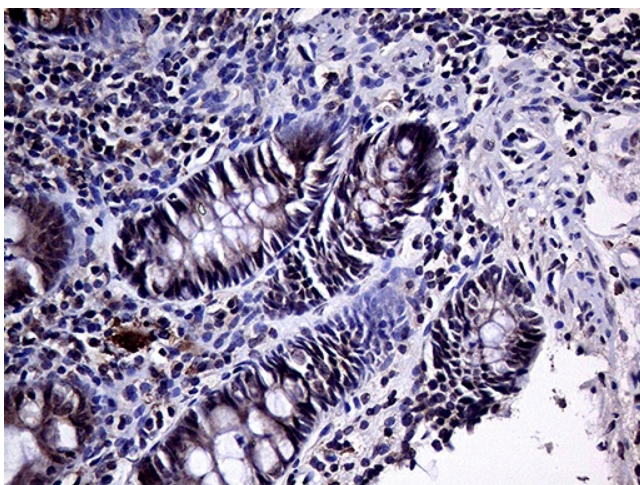
Druggable Genome, Protease, Secreted Protein

Product images:


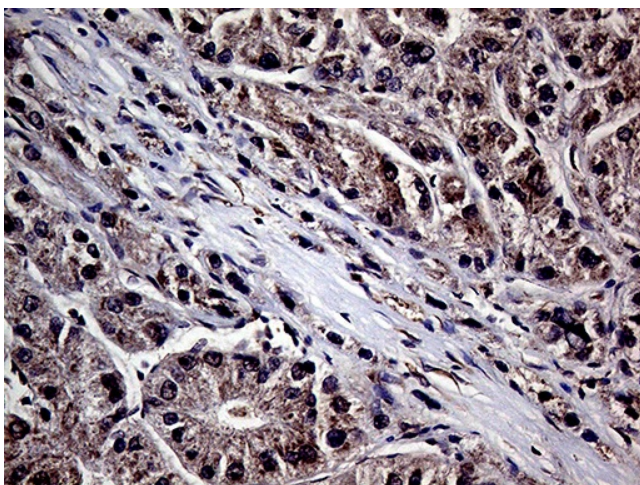
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY HABP2 (Cat# [RC230243], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HABP2 antibody (Cat# [TA809338])(1:2000). Positive lysates [LY401333] (100ug) and [LC401333] (20ug) can be purchased separately from OriGene.



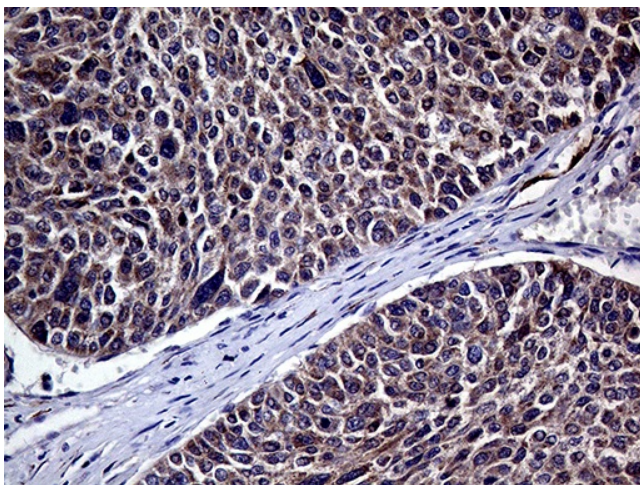
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-HABP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809338]) (1:1000)



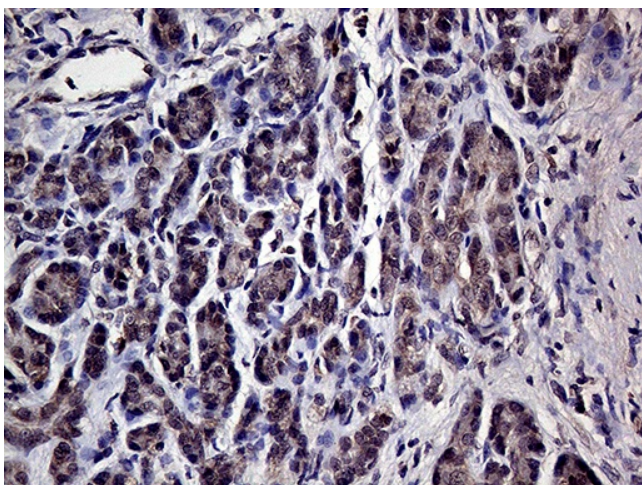
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-HABP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809338]) (1:1000)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-HABP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809338]) (1:1000)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-HABP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809338]) (1:1000)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-HABP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809338]) (1:1000)