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HABP2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant HABP2.
Catalog # AT2308a

Product Information

Application	IP, E
Primary Accession	Q14520
Other Accession	NM_004132
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1H4
Calculated MW	62672

Additional Information

Gene ID	3026
Other Names	Hyaluronan-binding protein 2, 3421-, Factor VII-activating protease, Factor seven-activating protease, FSAP, Hepatocyte growth factor activator-like protein, Plasma hyaluronan-binding protein, Hyaluronan-binding protein 2 50 kDa heavy chain, Hyaluronan-binding protein 2 50 kDa heavy chain alternate form, Hyaluronan-binding protein 2 27 kDa light chain, Hyaluronan-binding protein 2 27 kDa light chain alternate form, HABP2, HGFAL, PHBP
Target/Specificity	HABP2 (NP_004123, 105 a.a. ~ 204 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HABP2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

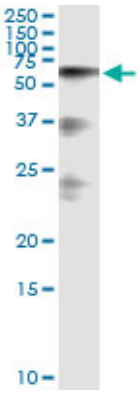
Background

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.

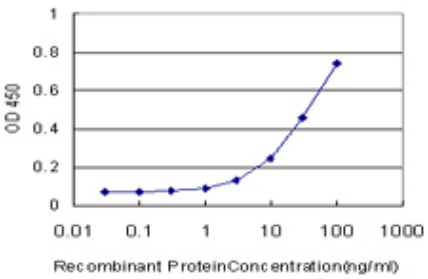
References

1.Variation in Hyaluronan-Binding Protein 2 (HABP2) Promoter Region is Associated With Unexplained Female Infertility.Altmae S, Kallak TK, Friden B, Stavreus-Evers A.Reprod Sci. 2010 Nov 22. [Epub ahead of print]

Images



Immunoprecipitation of HABP2 transfected lysate using anti-HABP2 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with HABP2 MaxPab rabbit polyclonal antibody.



Detection limit for recombinant GST tagged HABP2 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.