

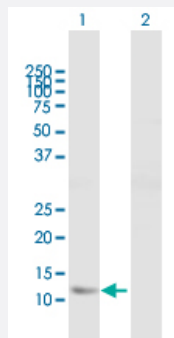
MaxPab®

FABP5 MaxPab mouse polyclonal antibody (B02)

Catalog # H00002171-B02

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FABP5 expression in transfected 293T cell line ([H00002171-T02](#)) by FABP5 MaxPab polyclonal antibody.

Lane 1: FABP5 transfected lysate(14.85 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human FABP5 protein.
Immunogen	FABP5 (NP_001435.1, 1 a.a. ~ 135 a.a) full-length human protein.
Sequence	MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKTESTLKTQFS CTLGEKFEETTADGRKTQTVCNFTDGALVQHQEWDGKESTITRKLKDGKLVVECVMMNNVTCTRIY EKVE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FABP5 expression in transfected 293T cell line ([H00002171-T02](#)) by FABP5 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — FABP5

Entrez GeneID	2171
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GeneBank Accession#	NM_001444
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Protein Accession#	NP_001435.1
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Gene Name	FABP5
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Gene Alias	E-FABP, EFABP, PA-FABP, PAFABP
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Gene Description	fatty acid binding protein 5 (psoriasis-associated)
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Omim ID	605168
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. The human genome contains many pseudogenes similar to this locus. [provided by RefSeq]
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Other Designations	-
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Publication Reference

- [The iron-regulated metastasis suppressor NDRG1 targets NEDD4L, PTEN, and SMAD4 and inhibits the PI3K and Ras signaling pathways.](#)

Kovacevic Z, Chikhani S, Lui GY, Sivagurunathan S, Richardson DR.

Antioxidants & Redox Signaling 2013 Mar; 18(8):874.

Application: WB-Tr, Human, MIAPaCa-2 cells

Pathway

- [PPAR signaling pathway](#)

Disease

- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)