

Product datasheet for **TA323167**

BLBP (FABP7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1000-5000, WB: 1:500-2000, IHC: 1:25-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	fatty acid binding protein 7
Database Link:	NP_001437 Entrez Gene 12140 Mouse Entrez Gene 80841 Rat Entrez Gene 2173 Human O15540

Background: The protein encoded by this gene is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small; highly conserved; cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs are thought to play roles in fatty acid uptake; transport; and metabolism. FABP could be involved in the transport of a so far unknown hydrophobic ligand with potential morphogenic activity during CNS development. It is required for the establishment of the radial glial fiber system in developing brain; a system that is necessary for the migration of immature neurons to establish cortical layers.

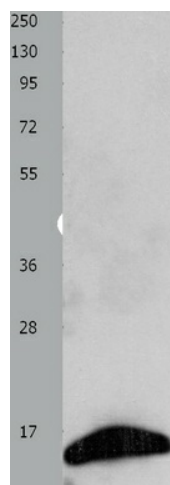
Synonyms: B-FABP; BLBP; FABPB; LTR2-FABP7; MRG



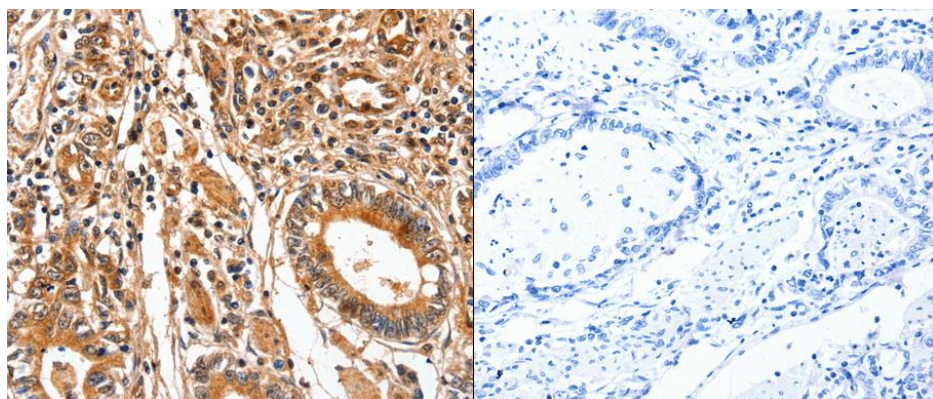
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Protein Pathways: PPAR signaling pathway

Product images:



Predicted band size: 15 kDa. Positive control: Human fetal brain tissue lysate. Recommended dilution: 1/500-2000. (Gel: 8%+12%SDS-PAGE Lysate: 30 ug Primary antibody: 1/350 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 30 seconds)



Predicted cell location: Cytoplasm??Nucleus. Positive control: Human stomach cancer tissue. Recommended dilution: 1/25-100 The image on the left is immunohistochemistry of paraffin-embedded Human stomach cancer tissue using FABP7 antibody at dilution 1/25, on the right is treated with the fusion protein. (Original magnification: x200)