

## 11-10037: Polyclonal Antibody to FABP7

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	FABP7
<b>Gene ID :</b>	2173
<b>Uniprot ID :</b>	O15540
<b>Format :</b>	Purified
<b>Alternative Name :</b>	FABP7,BLBP,FABPB,MRG
<b>Isotype :</b>	Rabbit IgG

**Immunogen Information :** Full length recombinant FABP7 protein was used as the immunogen for this antibody.

### Description

Fatty acid binding protein 7 (FABP7) also known as brain lipid binding protein (BLBP). These are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is required for the establishment of the radial glial fiber system by the activation of Notch receptors in developing brain. FABP7 expression has been shown to be induced by Reelin, an extracellular matrix protein in neural progenitor cells via Notch-1 activation. Diseases associated with FABP7 include optic nerve glioma and subependymal giant cell astrocytoma. It is expressed in brain and other neural tissues and has two isoform having 14 and 18 kDa in sizes.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml

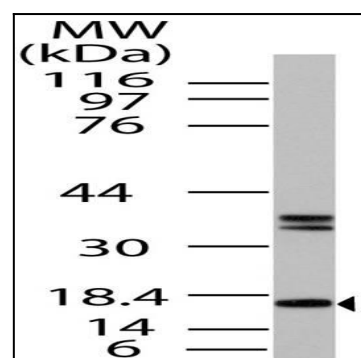


Fig-1: Western blot analysis of FABP7. Anti- FABP7 antibody (11-10037) was used at 2 µg/ml on U87 lysate.