10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# FABP7 Antibody
**Rabbit Polyclonal Antibody**
**Catalog # ABV10983**

## Specification

### FABP7 Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | O15540 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **14889** |

### FABP7 Antibody - Additional Information

**Gene ID** 2173

| | |
|---|---|
| Positive Control | **rh-FABP7** |
| Application & Usage | **The antibody can be used in Western Blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human FABP-7 can be used as a positive control.** |

**Other Names**
FABP7; B-FABP; BLBP; DKFZp547J2313; FABPB; MRG

**Target/Specificity**
FABP7

**Antibody Form**
Liquid

**Appearance**
Colorless liquid

**Formulation**
100 µg (0.5 mg/ml) affinity purified rabbit anti-human FABP-7 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5mM EDTA and 0.01% thimerosal.

**Handling**
The antibody solution should be gently mixed before use.

**Reconstitution & Storage**
-20 °C

**Background Descriptions**

**Precautions**
FABP7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## FABP7 Antibody - Protein Information

**Name** FABP7

**Synonyms** BLBP, FABPB, MRG

**Function**
B-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 (By similarity).

**Cellular Location**
Cytoplasm.

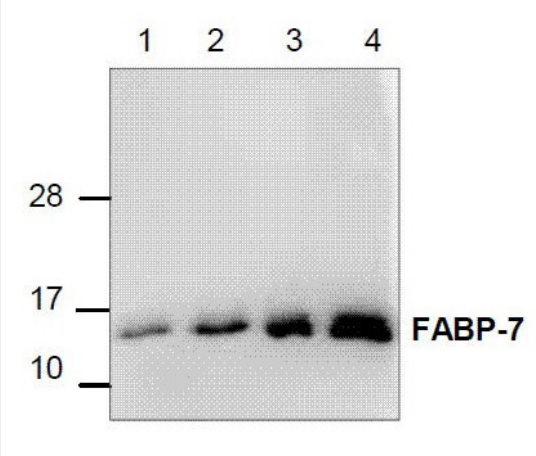
**Tissue Location**
Expressed in brain and other neural tissues.

## FABP7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## FABP7 Antibody - Images




Western blot analysis using recombinant human FABP-7. Lane 1: 10 ng; Lane 2: 50 ng; Lane 3:

100 ng; Lane 4: 250 ng

**FABP7 Antibody - Background**

FABPs have been reported to be involved in the uptake and metabolism of fatty acids, maintenance of cellular membrane fatty acids levels, intracellular trafficking, modulation of specific enzymes of lipid metabolic pathways, as well as in the modulation of cell growth and differentiation.