

## Datasheet for ABIN6252301 **anti-FABP7 antibody (C-Term)**



[Go to Product page](#)

### Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µg                               |
| Target:              | FABP7                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human, Mouse, Rat, Primate           |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This FABP7 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

### Product Details

|               |                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------|
| Immunogen:    | A recombinant protein fragment from the C-terminal region of FABP7 was used as the immunogen for this antibody. |
| Isotype:      | IgG                                                                                                             |
| Purification: | Protein A Affinity Chromatography                                                                               |

### Target Details

|                   |                                                                                                                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | FABP7                                                                                                                                                                                                                                                                                    |
| Alternative Name: | FABP7 ( <a href="#">FABP7 Products</a> )                                                                                                                                                                                                                                                 |
| Background:       | Fatty acid binding proteins (FABPs) are proteins that bind long-chain fatty acids and are thought to be involved in fatty acid uptake, transport, and metabolism. FABP7, also known as Brain lipid binding protein or BLBP, is essential for fetal brain development, and has been found |

## Target Details

to be important in brain and breast cancer, with opposing prognoses. It is a glioblastoma stem cell marker, highly expressed in the astrocyte-derived tumor cells and an indicator of poor prognosis. Abundant expression in basal-like/triple negative (ER-, PR-, HER2-) breast cancer cells, particularly with only nuclear expression, indicates a positive prognosis.

Gene ID: 2173

UniProt: [O15540](#)

## Application Details

Application Notes: Western blot: 2-5 µg/mL

Provided assay concentrations are suggestions only, FABP7 antibody titration may be required for optimal results.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: PBS with 0.1 mg/mL BSA and 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot and Store at -20C. Avoid freez-thaw cycles.