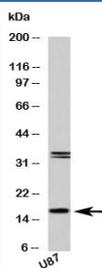


## FABP7 Antibody (brain) (N1172)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| N1172-100UG | 0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| N1172-25UG  | 0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 25 ug  |

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|                           |  |
|---------------------------|--|
| <b>Species Reactivity</b> | Human, Mouse, Rat, Primate                                     |
| <b>Format</b>             | Purified   |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                     |
| <b>Isotype</b>            | Rabbit IgG   |
| <b>Purity</b>             | Protein A Affinity Chromatography                              |
| <b>Buffer</b>             | 1X PBS, pH 7.4   |
| <b>Gene ID</b>            | 2173   |
| <b>Applications</b>       | Western Blot : 2-5ug/ml  |
| <b>Limitations</b>        | This <b>FABP7 antibody</b> is available for research use only. |



Western blot testing of human samples with FABP7 antibody at 2 ug/ml. U87 is a human glioma tumor cell line.

## Description

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 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.

## Application Notes

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

## Immunogen

A recombinant protein fragment from the C-terminal region of FABP7 was used as the immunogen for this antibody.

## Storage

Aliquot the FABP7 antibody and store frozen at -20oC or colder to avoid repeated freeze-thaw cycles.

## Alternate Names

BLBP