

## Fatty Acid Binding Protein 2 Recombinant Protein | FABP2 recombinant protein

Recombinant Fatty Acid Binding Protein 2, Intestinal (FABP2)

| CATALOG # | HOST   | REACTIVITY                | APPLICATIONS           |
|-----------|--------|---------------------------|------------------------|
| AAA145382 | E.coli | Sus scrofa; Porcine (Pig) | Western Blot, SDS-Page |

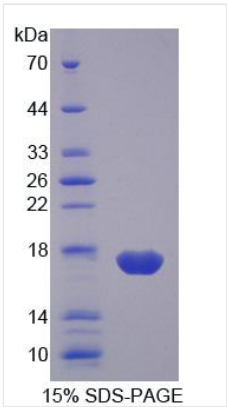
### PRODUCT SYNONYMS

Fatty Acid Binding Protein 2; Recombinant Fatty Acid Binding Protein 2; Intestinal (FABP2); FABP2 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity                                            | Sus scrofa; Porcine (Pig)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity/Purification                                   | > 97%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format                                           | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Concentration                                         | Original Concentration: 700ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence                                              | DGAWKIDRNE NYDKFMEKMG INVVKRKLA HDNLKLIITQ EGNKFTVKES STFRNIEIVF ELGVTFNYSL<br>ADGTELTGNW NLEGKLVGK FQRVDNGKEL NTVREIIGDE MVQTYVYEGV EAKRIF                                                                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for FABP2 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Source                                                | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Residues                                              | Asp4~Phe129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tags                                                  | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Subcellular Location                                  | Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Traits                                                | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Predicted isoelectric point                           | 5.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Usage                                                 | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                               | <b>Storage:</b><br>Avoid repeated freeze/thaw cycles.<br>Store at 2-8 degree C for one month.<br>Aliquot and store at -80 degree C for 12 months.<br><br><b>Stability Test:</b><br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                  |                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| Molecular Weight | Predicted Molecular Mass: 18.2kDa<br>Accurate Molecular Mass: 17kDa as determined by SDS-PAGE reducing conditions. |
|------------------|--------------------------------------------------------------------------------------------------------------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fatty-acid-binding-protein-2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145382>