

## Rabbit anti-Human, Mouse FECH Polyclonal Antibody | anti-FECH antibody

FECH Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA310844 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

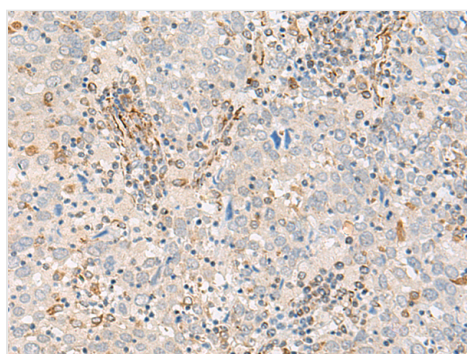
### PRODUCT SYNONYMS

FECH; Polyclonal Antibody; FECH Antibody; EPP; FCE; anti-FECH antibody

### PRODUCT SPECIFICATIONS

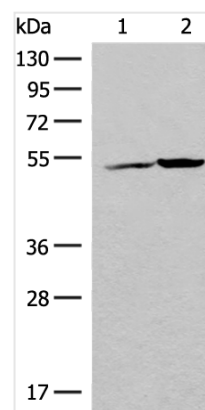
|                                                |                                                               |
|------------------------------------------------|---------------------------------------------------------------|
| Host                                           | Rabbit                                                        |
| Reactivity                                     | Human, Mouse                                                  |
| Clonality                                      | Polyclonal                                                    |
| Isotype                                        | IgG                                                           |
| Specificity                                    | The antibody detects endogenous levels of total FECH protein. |
| Purity/Purification                            | Antigen affinity purification                                 |
| Form/Format                                    | pH 7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol             |
| Concentration                                  | 1.6 mg/mL (varies by lot)                                     |
| Sequence Length                                | 423                                                           |
| Applicable Applications for anti-FECH antibody | IHC (Immunohistochemistry), WB (Western Blot)                 |
| Immunogen                                      | Synthetic peptide of human FECH                               |
| Immunogen Type                                 | Peptide                                                       |
| Preparation and Storage                        | Store at -20 degree C.                                        |

### IMAGES



#### IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 47761(FECH Antibody) at dilution 1/55.(Original magnification: 200



#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 &#956;g, Lane 1-2: K562 cell and Human heart tissue lysates, Primary antibody:47761(FECH Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FECH antibody | The protein encoded by this gene is localized to the mitochondrion, where it catalyzes the insertion of the ferrous form of iron into protoporphyrin IX in the heme synthesis pathway. Mutations in this gene are associated with erythropoietic protoporphyria. Two transcript variants encoding different isoforms have been found for this gene. A pseudogene of this gene is found on chromosome 3. |
| Product Categories/Family for anti-FECH antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 60499021                                |
| NCBI GeneID                      | 2235                                    |
| NCBI Accession #                 | NP_000131.2                             |
| NCBI GenBank Nucleotide #        | NM_000140.4                             |
| UniProt Accession #              | P22830; Q8IXN1; Q8NAN0; A8KA72          |
| Molecular Weight                 | 48 kDa                                  |
| NCBI Official Full Name          | ferrochelatase, mitochondrial isoform b |
| NCBI Official Synonym Full Names | ferrochelatase                          |
| NCBI Official Symbol             | FECH                                    |
| NCBI Official Synonym Symbols    | EPP; FCE; EPP1                          |
| NCBI Protein Information         | ferrochelatase, mitochondrial           |
| UniProt Protein Name             | Ferrochelatase, mitochondrial           |
| UniProt Gene Name                | FECH                                    |

**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://www.aaabiotech.com/polyclonal/fech-antibody-immunohistochemistry-western-blot-elisa/310844>