

## Rabbit FMOD Polyclonal Antibody | anti-FMOD antibody

FMOD antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA308253</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

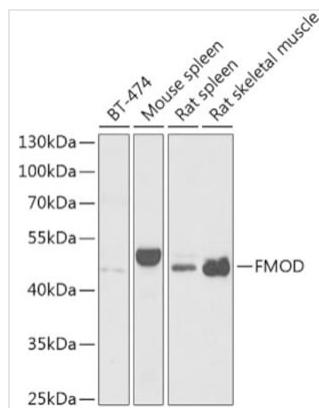
### PRODUCT SYNONYMS

FMOD; Polyclonal Antibody; FMOD antibody; FM; SLRR2E; anti-FMOD antibody

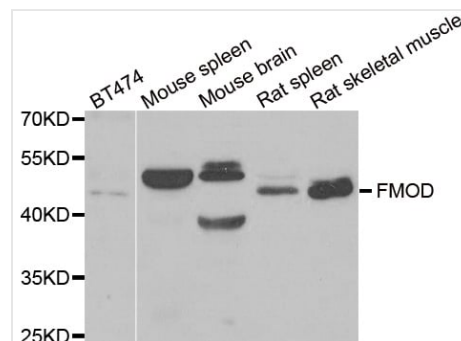
### PRODUCT SPECIFICATIONS

|                                                |                                                              |
|------------------------------------------------|--------------------------------------------------------------|
| Host                                           | Rabbit                                                       |
| Reactivity                                     | Human, Mouse, Rat                                            |
| Clonality                                      | Polyclonal                                                   |
| Isotype                                        | IgG                                                          |
| Specificity                                    | The antibody detects endogenous level of total FMOD protein. |
| Purity/Purification                            | Affinity purification                                        |
| Form/Format                                    | PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.           |
| Concentration                                  | 0.7 mg/ml (varies by lot)                                    |
| Sequence Length                                | 376                                                          |
| Applicable Applications for anti-FMOD antibody | WB (Western Blot)                                            |
| Immunogen Type                                 | Recombinant Protein                                          |
| Immunogen Description                          | Recombinant fusion protein of human FMOD (NP_002014.2).      |
| Target Name                                    | FMOD                                                         |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze / thaw cycles.           |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using FMOD antibody.


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Western blot analysis of extracts of various cell lines, using FMOD antibody.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FMOD antibody | Fibromodulin belongs to the family of small interstitial proteoglycans. The encoded protein possesses a central region containing leucine-rich repeats with 4 keratan sulfate chains, flanked by terminal domains containing disulphide bonds. Owing to the interaction with type I and type II collagen fibrils and in vitro inhibition of fibrillogenesis, the encoded protein may play a role in the assembly of extracellular matrix. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix. Sequence variations in this gene may be associated with the pathogenesis of high myopia. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-FMOD antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 71040111                          |
| NCBI GeneID                      | 2331                              |
| NCBI Accession #                 | NP_002014.2                       |
| NCBI GenBank Nucleotide #        | NM_002023.4                       |
| UniProt Accession #              | Q06828; Q15331; Q8IV47            |
| Molecular Weight                 | SDS-PAGE MW: 45kDa                |
| NCBI Official Full Name          | fibromodulin                      |
| NCBI Official Synonym Full Names | fibromodulin                      |
| NCBI Official Symbol             | FMOD                              |
| NCBI Official Synonym Symbols    | FM; SLRR2E                        |
| NCBI Protein Information         | fibromodulin                      |
| UniProt Protein Name             | Fibromodulin                      |
| UniProt Gene Name                | <b>FMOD</b>                       |
| UniProt Synonym Gene Names       | FM; SLRR2E; FM; KSPG fibromodulin |
| UniProt Entry Name               | FMOD_HUMAN                        |

**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.