

## Rabbit anti-Human, Mouse EFHC1 Polyclonal Antibody | anti-EFHC1 antibody

EFHC1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA231093 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

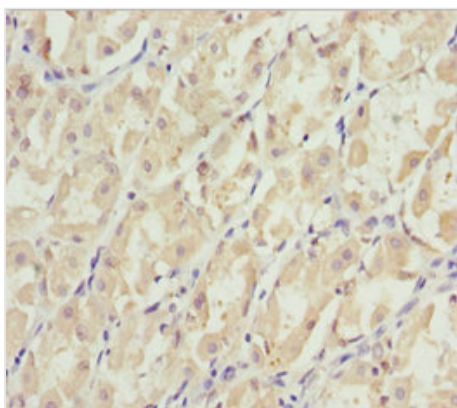
### PRODUCT SYNONYMS

EFHC1; Polyclonal Antibody; EFHC1 Antibody; EF-hand domain-containing protein 1; Myoclonin-1; anti-EFHC1 antibody

### PRODUCT SPECIFICATIONS

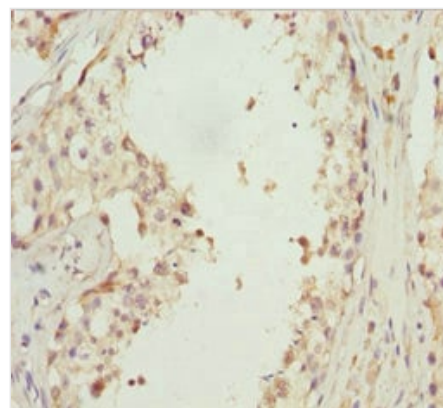
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 621                                                                                                            |
| Applicable Applications for anti-EFHC1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human EF-hand domain-containing protein 1 protein (C-250AA)                                        |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



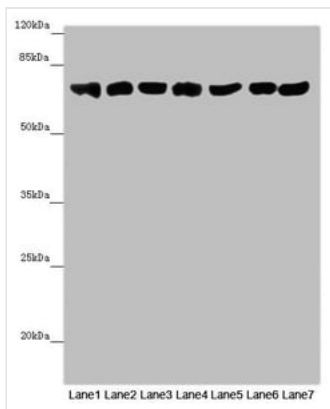
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA231093 at dilution 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231093 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: EFHC1 antibody at 9.9 ug/mlLane 1: Mouse large intestine tissueLane 2: Mouse stomach tissueLane 3: Mouse brain tissueLane 4: Mouse kidney tissueLane 5: Mouse gonadal tissueLane 6: Hela whole cell lysateLane 7: 293T whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 74,32,73 kDaObserved band size: 74 kDa

#### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EFHC1 antibody | Necessary for radial and tangential cell migration during brain development, possibly acting as a regulator of cell morphology and process formation during migration (PubMed:22926142). May enhance calcium influx through CACNA1E and stimulate programmed cell death (PubMed:15258581). |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 289063386                                                      |
| NCBI GeneID                      | 114327                                                         |
| NCBI Accession #                 | NP_001165891.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001172420.1                                                 |
| UniProt Accession #              | Q5JVL4; Q5XKM4; Q6E1U7; Q6E1U8; Q8WUL2; Q9NVW6; B4DMU3; F5GZD8 |
| Molecular Weight                 | 72,021 Da                                                      |
| NCBI Official Full Name          | EF-hand domain-containing protein 1 isoform 2                  |
| NCBI Official Synonym Full Names | EF-hand domain containing 1                                    |
| NCBI Official Symbol             | EFHC1                                                          |
| NCBI Official Synonym Symbols    | EJM1; dJ304B14.2                                               |
| NCBI Protein Information         | EF-hand domain-containing protein 1                            |
| UniProt Protein Name             | EF-hand domain-containing protein 1                            |
| UniProt Gene Name                | EFHC1                                                          |
| UniProt Entry Name               | EFHC1_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.