

## Rabbit anti-Mouse, Rat Aggrecan (AGC) Polyclonal Antibody | anti-AGC antibody

Polyclonal Antibody to Aggrecan (AGC)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA133813 | Rabbit | Mouse, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

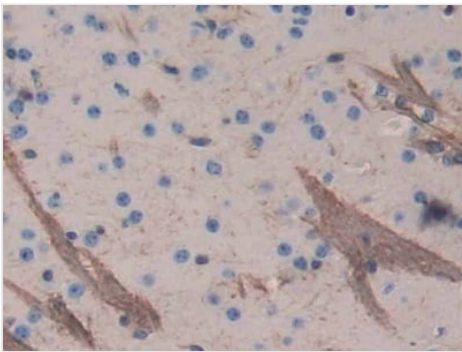
### PRODUCT SYNONYMS

Aggrecan (AGC); Polyclonal Antibody; Polyclonal Antibody to Aggrecan (AGC); anti-AGC antibody

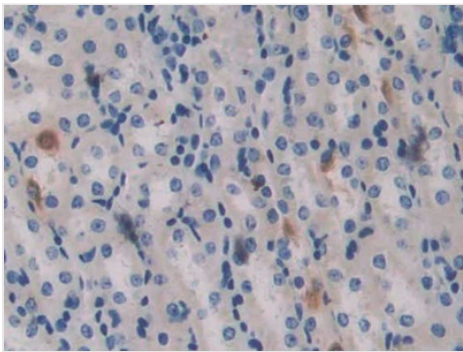
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                  |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                           |
| Reactivity                                    | Mouse, Rat                                                                                                                                                                                                                       |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                       |
| Specificity                                   | The antibody is a rabbit polyclonal antibody raised against AGC. It has been selected for its ability to recognize AGC in immunohistochemical staining and western blotting.                                                     |
| Purity/Purification                           | Affinity Chromatography                                                                                                                                                                                                          |
| Form/Format                                   | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                       |
| Concentration                                 | 500ug/mL (varies by lot)                                                                                                                                                                                                         |
| Sequence                                      | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGSE F-GEVFFATR LEQFTFQEAR AFCAAQNATL ASTGQLYAAW SQGLDKCYAG WLADGTLRYP<br>IITPRPACGG DKPGVRTVYL YPNQTGLPDP LSKHHAFCFR |
| Sequence Length                               | 721                                                                                                                                                                                                                              |
| Applicable Applications for anti-AGC antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                  |
| Immunogen                                     | Recombinant AGC (Gly587~Arg684) expressed in E.coli.                                                                                                                                                                             |
| Cross Reactivity                              | Mouse                                                                                                                                                                                                                            |
| Conjugated Antibody                           | The APC conjugated antibody version of this item is also available as                                                                                                                                                            |
| Preparation and Storage                       | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                    |

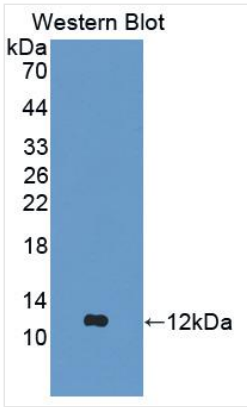
IMAGES



IHC (Immunohistochemisry)  
DAB staining on IHC-P; Samples: Mouse Cerebrum Tissue



IHC (Immunohiostchemistry)  
DAB staining on fromalin fixed paraffin- embedded brain tissue



WB (Western Blot)  
Western Blot; Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 116875858                        |
| NCBI GeneID                      | 11595                            |
| NCBI Accession #                 | NP_031450.2                      |
| NCBI GenBank Nucleotide #        | NM_007424.2                      |
| UniProt Accession #              | Q61282; Q64021; E9QLS9           |
| Molecular Weight                 | 221,941 Da                       |
| NCBI Official Full Name          | aggrecan core protein            |
| NCBI Official Synonym Full Names | aggrecan                         |
| NCBI Official Symbol             | Acan                             |
| NCBI Official Synonym Symbols    | Agc; cmd; Agc1; Cspg1; b2b183Clo |
| NCBI Protein Information         | aggrecan core protein            |
| UniProt Protein Name             | Aggrecan core protein            |
| UniProt Gene Name                | Acan                             |
| UniProt Synonym Gene Names       | Agc; Agc1; CSPCP                 |

**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.

