

## Rabbit anti-Human DDO Polyclonal Antibody | anti-DDO antibody

DDO Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA232455</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

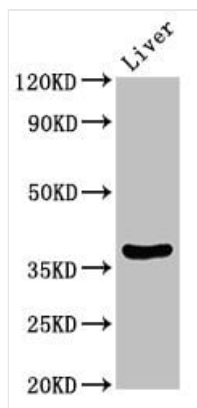
### PRODUCT SYNONYMS

DDO; Polyclonal Antibody; DDO Antibody; D-aspartate oxidase; DASOX; anti-DDO antibody

### PRODUCT SPECIFICATIONS

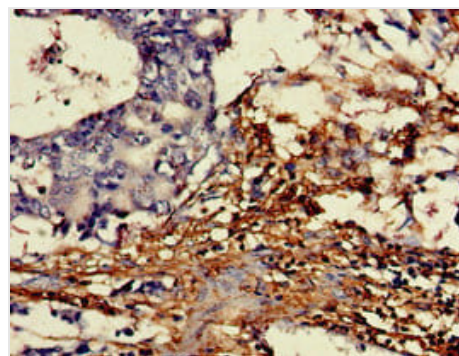
|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                     |
| Isotype                                       | IgG                                                                                                            |
| Purity/Purification                           | >95%, Protein G purified                                                                                       |
| Form/Format                                   | Liquid                                                                                                         |
| Sequence Length                               | 369                                                                                                            |
| Applicable Applications for anti-DDO antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Immunogen                                     | Recombinant Human D-aspartate oxidase protein (37-161AA)                                                       |
| Preservative                                  | 0.03% Proclin 300                                                                                              |
| Constituents                                  | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                   | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-98495                                  |
| 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



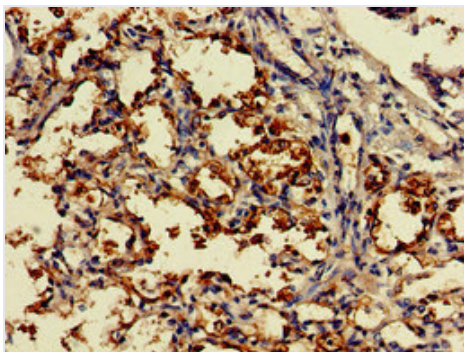
#### WB (Western Blot)

Western BlotPositive WB detected in: Rat liver tissueAll lanes: DDO antibody at 3.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 38,31,41,34 KDaObserved band size: 38 KDa



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA232455 at dilution of 1:100



**IHC (Immunohistochemistry)**  
 Immunohistochemistry of paraffin-embedded human lung tissue using AAA232455 at dilution of 1:100

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                       |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DDO antibody | Selectively catalyzes the oxidative deamination of D-aspartate and its N-methylated derivative, N-methyl D-aspartate. |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 40217815                                       |
| NCBI GeneID                      | 8528                                           |
| NCBI Accession #                 | NP_003640.2                                    |
| NCBI GenBank Nucleotide #        | NM_003649.2                                    |
| UniProt Accession #              | Q99489; Q5JXM4; Q5JXM5; Q5JXM6; Q8N552; A8KAG4 |
| Molecular Weight                 | 33,980 Da                                      |
| NCBI Official Full Name          | D-aspartate oxidase isoform a                  |
| NCBI Official Synonym Full Names | D-aspartate oxidase                            |
| NCBI Official Symbol             | DDO                                            |
| NCBI Official Synonym Symbols    | DASOX; DDO-1; DDO-2                            |
| NCBI Protein Information         | D-aspartate oxidase                            |
| UniProt Protein Name             | D-aspartate oxidase                            |
| UniProt Gene Name                | DDO                                            |
| UniProt Synonym Gene Names       | DASOX; DDO                                     |
| UniProt Entry Name               | OXDD_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.

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