

## Rabbit anti-Human Discoidin Domain Receptor Family Polyclonal Antibody | anti-DDR2 antibody

Polyclonal Antibody to Discoidin Domain Receptor Family, Member 2 (DDR2)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA143393 | Rabbit | Human      | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

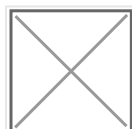
### PRODUCT SYNONYMS

Discoidin Domain Receptor Family; Polyclonal Antibody; Polyclonal Antibody to Discoidin Domain Receptor Family; Member 2 (DDR2); anti-DDR2 antibody

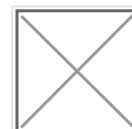
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity                                     | Human                                                                                                                                                                                                                                                                                                                                                                                      |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against DDR2. It has been selected for its ability to recognize DDR2 in immunohistochemical staining and western blotting.                                                                                                                                                                                                             |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                    | Liquid                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-HLCEVEGM EKFKDKDFAL DVSANQPVLV<br>AVKMLRADAN KNARNDFLKE IKIMSRLKDP NIIHLLAVCI TDDPLCMITE YMENGDLNQF LSRHEPPNSS<br>SSDVRTVSYT NLKFMATQIA SGMKYLSSLN FVHRDLATRN CLVGKNYTIK IADFGMSRNL YSGDYIRIQG<br>RAVLPIRWMS WESILLGKFT TASDV |
| Applicable Applications for anti-DDR2 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                            |
| Fragment                                       | DDR2 (His578~Pro817)                                                                                                                                                                                                                                                                                                                                                                       |
| Organism Species                               | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                       |
| Cross Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                                      | Recombinant DDR2 (His578~Pro817) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                     |
| 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 (Immunohistochemistry)  
DAB staining on formalin fixed paraffin-embedded Lung tissue



WB (Western Blot)  
Western blot: Sample: Recombinant DDR2, Human.

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 62420886                                         |
| NCBI GeneID                      | 4921                                             |
| NCBI Accession #                 | NP_001014796.1                                   |
| NCBI GenBank Nucleotide #        | NM_001014796.2                                   |
| UniProt Accession #              | Q16832; Q7Z730                                   |
| Molecular Weight                 | 96,736 Da                                        |
| NCBI Official Full Name          | discoidin domain-containing receptor 2           |
| NCBI Official Synonym Full Names | discoidin domain receptor tyrosine kinase 2      |
| NCBI Official Symbol             | DDR2                                             |
| NCBI Official Synonym Symbols    | TKT; MIG20a; NTRKR3; TYRO10                      |
| NCBI Protein Information         | discoidin domain-containing receptor 2           |
| UniProt Protein Name             | Discoidin domain-containing receptor 2           |
| UniProt Gene Name                | <b>DDR2</b>                                      |
| UniProt Synonym Gene Names       | NTRKR3; TKT; TYRO10; Discoidin domain receptor 2 |

**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://stage.aaabiotech.com/polyclonal/discoidin-domain-receptor-family-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143393>