

# Anti-DDX58 Monoclonal Antibody

Catalog # ABO14438

## Product Information

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|--------------------------|--------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IP                                                                                           |
| <b>Primary Accession</b> | <a href="#">O95786</a>                                                                           |
| <b>Host</b>              | Rabbit                                                                                           |
| <b>Isotype</b>           | Rabbit IgG                                                                                       |
| <b>Reactivity</b>        | Human                                                                                            |
| <b>Clonality</b>         | Monoclonal                                                                                       |
| <b>Format</b>            | Liquid                                                                                           |
| <b>Description</b>       | Anti-DDX58 Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human. |

## Additional Information

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| <b>Gene ID</b>                         | 23586                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Other Names</b>                     | Antiviral innate immune response receptor RIG-I, ATP-dependent RNA helicase DDX58, 3.6.4.13, DEAD box protein 58, RIG-I-like receptor 1, RLR-1, RNA sensor RIG-I {ECO:0000312 HGNC:HGNC:19102}, Retinoic acid-inducible gene 1 protein, RIG-1, Retinoic acid-inducible gene I protein, RIG-I, RIGI ( <a href="#">HGNC:19102</a> ), DDX58                                                                                                                                                                 |
| <b>Calculated MW</b>                   | 106600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Application Details</b>             | WB 1:500-1:1000<br>IP 1:50                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>                          | Eukaryota                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Contents</b>                        | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clone Names</b><br><b>Immunogen</b> | Clone: ACEA-4<br>A synthesized peptide derived from human DDX58 Retinoic acid inducible gene I (RIG-I) is a 925 amino acid, interferon-inducible cellular DExD/H box RNA helicase that activates type I interferon (IFN), an important effector of the innate immune system that is sensitive to these dsRNA viruses. dsRNA is normally present in very low quantities in cells, so when a virus is present, the elevated levels of dsRNA act as a sign telling RIG-I to activate the production of IFN. |
| <b>Purification</b>                    | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>                         | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                               |

## Protein Information

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**Name** RIGI ( [HGNC:19102](#))

**Synonyms** DDX58

**Function**