

**Product Name: TREX1 Rabbit Monoclonal antibody**  
**Catalog #: AMRe01473**



## Summary

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Production Name</b> | TREX1 Rabbit Monoclonal antibody       |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IHC-F,IHC-P,ICC/IF                  |
| <b>Reactivity</b>      | Human                                  |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal Antibody                                                                                  |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purified                                                                                    |

## Immunogen

|                          |                                                |
|--------------------------|------------------------------------------------|
| <b>Gene Name</b>         | TREX1                                          |
| <b>Alternative Names</b> | AGS1; AGS5; CRV; DNase III; DRN3; HERNS; TREX1 |
| <b>Gene ID</b>           | 11277                                          |
| <b>SwissProt ID</b>      | Q9NSU2.                                        |

## Application

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 |
| <b>Molecular Weight</b> | Calculated MW: 33 kDa; Observed MW: 33 kDa      |

## Background

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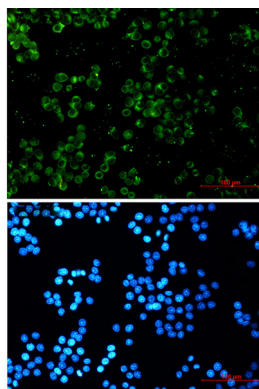


TREX1 is the major 3'→5' DNA exonuclease in human cells. The protein is a non processive exonuclease that may serve a proofreading function for a human DNA polymerase.

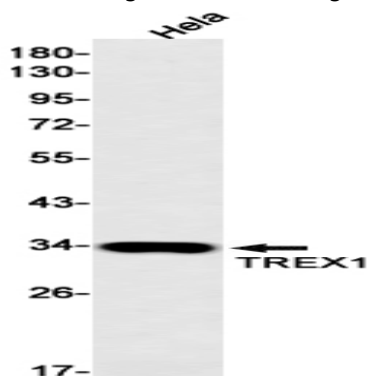
## Research Area

Epigenetics and Nuclear Signaling

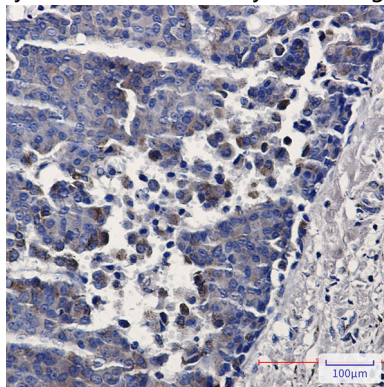
## Image Data



Immunocytochemistry analysis of TREX1 (green) in HeLa using TREX1 antibody, and DAPI (blue).



Western blot analysis of TREX1 in HeLa lysates using TREX1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using TREX1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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**Note**

For research use only.