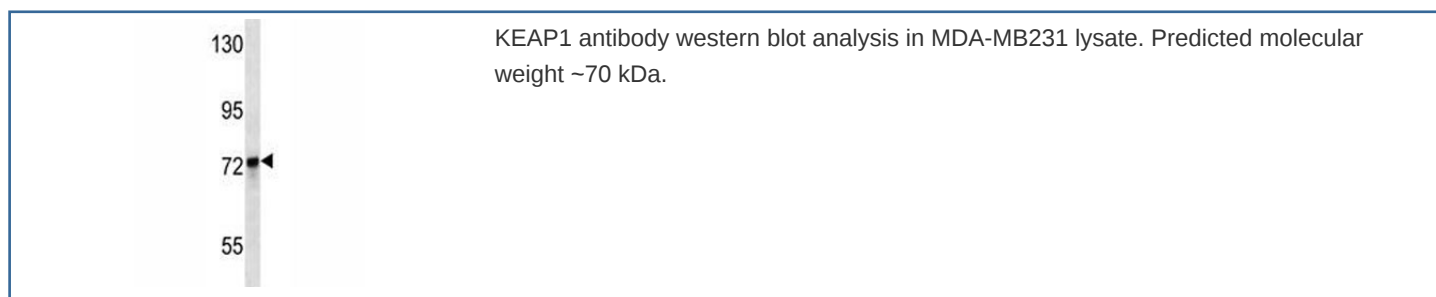


## KEAP1 Antibody [clone 297CT6.1.6] (F40314)

| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F40314-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F40314-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Availability         | 1-3 business days                                       |
| Species Reactivity   | Human                                                   |
| Predicted Reactivity | Pig                                                     |
| Format               | Purified                                                |
| Clonality            | Monoclonal (mouse origin)                               |
| Isotype              | Mouse IgM, k                                            |
| Clone Name           | 297CT6.1.6                                              |
| Purity               | Purified                                                |
| UniProt              | Q14145                                                  |
| Applications         | Western Blot : 1:100                                    |
| Limitations          | This KEAP1 antibody is available for research use only. |



## Description

This gene encodes a protein containing KELCH-1 like domains, as well as a BTB/POZ domain. Kelch-like ECH-associated protein 1 interacts with NF-E2-related factor 2 in a redox-sensitive manner and the dissociation of the proteins in the cytoplasm is followed by transportation of NF-E2-related factor 2 to the nucleus. This interaction results in the expression of the catalytic subunit of gamma-glutamylcysteine synthetase. Two alternatively spliced transcript variants encoding the same isoform have been found for this gene.

## Application Notes

Titration of the KEAP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 422-449 from the human protein was used as the immunogen for this KEAP1 antibody.

## Storage

Aliquot the KEAP1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.