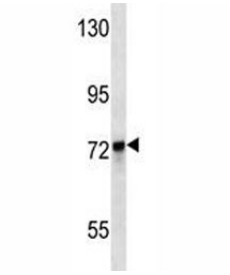
KEAP1 Antibody [clone 297CT6.1.6] (F40314)

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
Host	Mouse
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.



KEAP1 antibody western blot analysis in MDA-MB231 lysate. Predicted molecular weight ~70 kDa.

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.

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