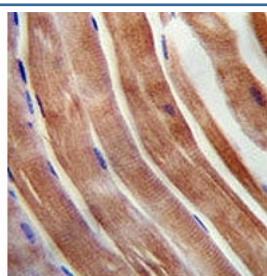


KEAP1 Antibody (F40464)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F40464-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F40464-0.08ML | 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 | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | Q14145 |
| Applications | Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 |
| Limitations | This KEAP1 antibody is available for research use only. |



KEAP1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.

95
72
55
36
28
17

KEAP1 antibody western blot analysis in HepG2 lysate. Predicted molecular weight ~70 kDa.

Description

KEAP1 acts as a substrate adapter protein for the E3 ubiquitin ligase complex formed by CUL3 and RBX1 and targets NFE2L2/NRF2 for ubiquitination and degradation by the proteasome, thus resulting in the suppression of its transcriptional activity and the repression of antioxidant response element-mediated detoxifying enzyme gene expression. Retains NFE2L2/NRF2 and may also retain BPTF in the cytosol. Targets PGAM5 for ubiquitination and degradation by the proteasome [UniProt]

Application Notes

The stated application concentrations are suggested starting amounts. 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

Store at 4°C for up to one month. For long term, aliquot the KEAP1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.