

KEAP1 polyclonal antibody

Catalog: BS80131

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q14145

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

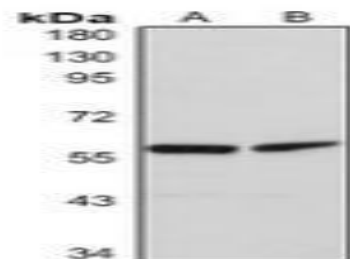
WB, 1:500 - 1:1000 | IF/ICC, 1:50 - 1:200 | IHC, 1:50 - 1:200

Storage&Stability:

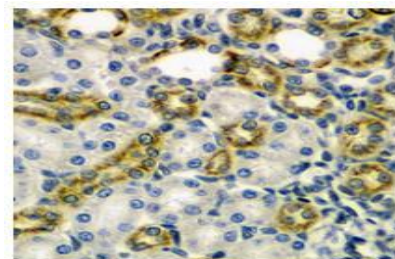
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

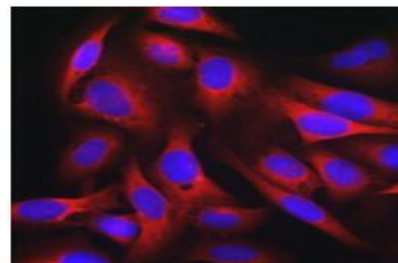
KEAP1 polyclonal antibody detects endogenous levels of KEAP1 protein.

DATA:

Western blot analysis of KEAP1 expression in mouse brain (A), rat brain (B) whole cell lysates.



Immunohistochemical analysis of KEAP1 staining in rat kidney formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of KEAP1 staining in U2OS cells.

Note:

For research use only, not for use in diagnostic procedure.

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