

## Product Information

### Anti-HAP40

Produced in rabbit, Affinity Isolated Antibody

Product Number **H 2539**

#### Product Description

Anti-HAP40 is produced in rabbit using as immunogen a peptide corresponding to the 40 kDa mouse HAP40 protein (amino acids 314-325). The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-HAP40 reacts with amino acid residues 314-325 (DGHGQDTSGQLP) of mouse HAP40. The antibody may be used in immunoblotting (~40 kDa).

HAP40 is a 40 kDa Huntington-associated protein. It is likely to contribute to the function of normal huntingtin and is a candidate for involvement in the aberrant nuclear localization of mutant huntingtin found in degenerating neurons in Huntington's disease.

#### Reagent

The antibody is supplied as a solution of ~1 mg/mL in phosphate buffered saline containing 0.02% sodium azide.

#### Precautions and Disclaimer

Due to the sodium azide content a material safety sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

#### Storage/Stability

Store at -20 °C. The product may be stored at 2-8 °C for up to three months. For prolonged storage, freeze in working aliquots at -20 °C. Avoid repeated freezing and thawing. Do not store in a "frost-free" freezer.

#### Product Profile

For immunoblotting, a working antibody dilution of 1:500-1:1,000 is recommended using mouse brain.

Note: In order to obtain the best results in various techniques and preparations, we recommend determining optimal working dilutions by titration.

#### References

1. Peters, and Ross, *J. Biol. Chem.*, **276**, 3188-3194 (2001).

KAA 11/05

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.