

ING2 Antibody(Center) Blocking peptide
Synthetic peptide
Catalog # BP19411c**Specification**

ING2 Antibody(Center) Blocking peptide - Product InformationPrimary Accession [Q9H160](#)**ING2 Antibody(Center) Blocking peptide - Additional Information****Gene ID** 3622**Other Names**

Inhibitor of growth protein 2, Inhibitor of growth 1-like protein, ING1Lp, p32, p33ING2, ING2, ING1L

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ING2 Antibody(Center) Blocking peptide - Protein Information**Name** ING2**Synonyms** ING1L**Function**

Seems to be involved in p53/TP53 activation and p53/TP53- dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs).

Cellular Location

Nucleus. Note=Predominantly nuclear. Localized to chromatin and nuclear matrix Upon reduced PtdIns(5)P levels seems to be released from chromatin and, at least partially, translocated to the cytoplasm

Tissue Location

Widely expressed. Higher expressed in colon-cancer tumor than in normal colon tissues.

ING2 Antibody(Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ING2 Antibody(Center) Blocking peptide - Images

ING2 Antibody(Center) Blocking peptide - Background

This gene is a member of the inhibitor of growth (ING)family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase(HDAC) complexes and function in DNA repair and apoptosis.

ING2 Antibody(Center) Blocking peptide - References

Ythier, D., et al. Oncogene 29(44):5946-5956(2010) Larrieu, D., et al. EMBO Rep. 10(10):1168-1174(2009) Kumamoto, K., et al. Int. J. Cancer 125(6):1306-1315(2009) Borkosky, S.S., et al. J. Cancer Res. Clin. Oncol. 135(5):703-713(2009) Unoki, M., et al. FEBS Lett. 582(28):3868-3874(2008)