

ARG57131 anti-ING2 / ING1L antibody [39E5]

Package: 50 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Mouse Monoclonal antibody [39E5] recognizes ING2 / ING1L |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 39E5 |
| Isotype | IgG1b, kappa |
| Target Name | ING2 / ING1L |
| Species | Human |
| Immunogen | Recombinant fragment around aa. 1-280 of Human ING2 |
| Conjugation | Un-conjugated |
| Alternate Names | ING1L; ING1Lp; Inhibitor of growth protein 2; Inhibitor of growth 1-like protein; p33ING2; p32 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------|
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

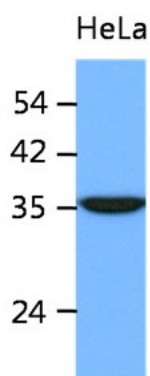
Properties

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|---------------------|---|
| Form | Liquid |
| Purification | Purification with Protein A. |
| Buffer | PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 10% Glycerol |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|----------------|--|
| Database links | GeneID: 3622 Human Swiss-port # Q9H160 Human |
| Gene Symbol | ING2 |
| Gene Full Name | inhibitor of growth family, member 2 |
| 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014] |
| 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). [UniProt] |
| Calculated Mw | 33 kDa |
| PTM | Sumoylation enhances its association with SIN3A and is required for binding to some target gene promoters, this is the case for TMEM71. |

Images



ARG57131 anti-ING2 / ING1L antibody [39E5] WB image

Western blot: 40 µg of HeLa cell lysate stained with ARG57131 anti-ING2 / ING1L antibody [39E5] at 1:1000.