

ING2 Polyclonal Antibody

Catalog number: 11560-1-AP

Size: 35 µg/150 µl

Source: Rabbit

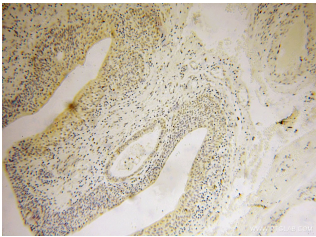
Isotype: IgG

Synonyms:

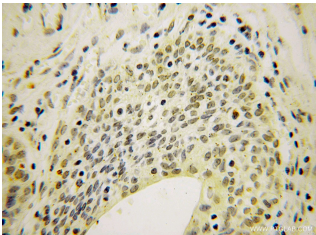
ING2; ING1L, ING1Lp, ING2,

Inhibitor of growth protein 2,

p32, p33ING2



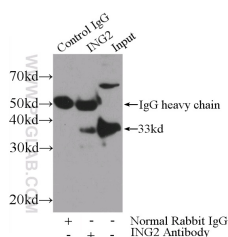
Immunohistochemical of paraffin-embedded human colon cancer using 11560-1-AP(ING2 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human colon cancer using 11560-1-AP(ING2 antibody) at dilution of 1:50 (under 40x lens)



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11560-1-AP(ING2 antibody) at dilution of 1:400



IP Result of anti-ING2

(IP:11560-1-AP, 3µg;

Background

ING2, also named as ING1L, belongs to the ING family and contains a PHD-type zinc finger. It is induced by the DNA-damaging agents etoposide and neocarzinostatin. As a candidate tumor suppressor, ING2 seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. It is a component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. Recent finding reported that ING2 regulates muscle differentiation by regulating chromatin remodeling program. Catalog#11560-1-AP is a rabbit polyclonal antibody raised against full length ING2 of human origin.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated ING2 MW:	280aa, 33 kDa
Observed ING2 MW:	33kd
Positive WB detected in:	HEK-293 cells, human liver tissue
Positive IP detected in:	HEK-293 cells
Positive IHC detected in:	Human colon cancer tissue, human cervical cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2121
GenBank accession number:	BC030128
Gene ID (NCBI):	3622
Full name:	Inhibitor of growth family, member 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

Detection:11560-1-AP 1:500)
with HEK-293 cells lysate
1000ug.