



SP1 Antibody

Cat. No.: 45-151



45-151 staining (0.3ug/ml) of HeLa lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Ψ SPECIFICATIONS

HOST SPECIES:	Goat
SPECIES REACTIVITY:	Human, Mouse
IMMUNOGEN:	SP1 antibody was raised against a 15 amino acid synthetic peptide near the internal region of SP1.
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 100kDa band observed in lysates of cell lines HeLa and NIH3T3 (calculated MW of 80.7kDa according to NP_612482.2). Recommended concentration: 0.3-1ug/ml.
SPECIFICITY:	This antibody is expected to recognise both reported isoforms (NP_612482.2; NP_003100.1).
POSITIVE CONTROL:	1) Cat. No. 1201 - HeLa Cell Lysate

Ψ PROPERTIES

PURIFICATION:	SP1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	SP1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.

Ψ ADDITIONAL INFO

OFFICIAL SYMBOL:	SP1
ALTERNATE NAMES:	SP1, Sp1 transcription factor, HGNC:11205, TSFP1
ACCESSION NO.:	NP_612482.2
PROTEIN GI NO.:	38372901
GENE ID:	6667

Ψ BACKGROUND AND REFERENCES

REFERENCES:	1) Sakuntabhai A, Turbpaiboon C, Casademont I, Chuansumrit A, Lowhnoo T, Kajaste-Rudnitski A, Kalayanarooj SM, Tangnararatchakit K, Tangthawornchaikul N, Vasanawathana S, Chaiyaratana W, Yenchitsomanus PT, Suriyaphol P, Avirutnan P, Chokephaibulkit K, Matsud A variant in the CD209 promoter is associated with severity of dengue disease. Nat Genet. 2005 May;37(5):507-13. Epub 2005 Apr 17.
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