



MDA-7 rabbit pAb

Cat No.:ES4141

For research use only

Overview

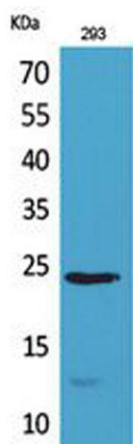
Product Name	MDA-7 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL24. AA range:131-180
Specificity	MDA-7 Polyclonal Antibody detects endogenous levels of MDA-7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Interleukin-24
Gene Name	IL24
Cellular localization	Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	24kD
Human Gene ID	11009
Human Swiss-Prot Number	Q13007
Alternative Names	IL24; MDA7; ST16; Interleukin-24; IL-24; Melanoma differentiation-associated gene 7 protein; MDA-7; Suppression of tumorigenicity 16 protein
Background	This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of





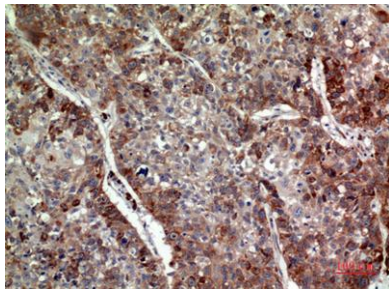
this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes.

Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],



Western Blot analysis of 293 cells using MDA-7 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

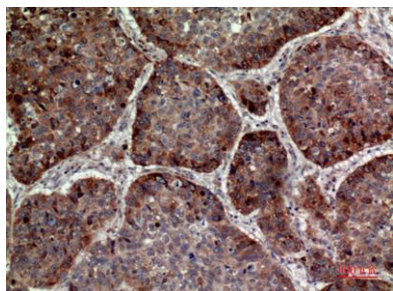
Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



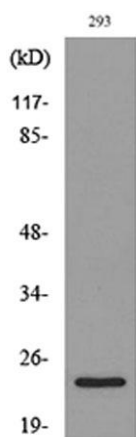


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Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Western blot analysis of lysate from 293 cells, using IL24 Antibody.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C