

Datasheet

ENC1 polyclonal antibody (A01)

Catalog Number: H00008507-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant ENC1.

Immunogen: ENC1 (NP_003624, 17 a.a. ~ 98 a.a)
partial recombinant protein with GST tag.

Sequence:

SINIYLFHKSSYADSVLTHLNLLRQQRLFTDVLLHAGNR
TFPCHRAVLAACSRYSFEAMFSGGLKESQDSEVNF DNS
IHPEVL

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8507

Gene Symbol: ENC1

Gene Alias: CCL28, ENC-1, FLJ39259, KLHL35, KLHL37, NRPB, PIG10, TP53I10

Gene Summary: DNA damage and/or hyperproliferative signals activate wildtype p53 tumor suppressor protein (TP53; MIM 191170), inducing cell cycle arrest or apoptosis. Mutations that inactivate p53 occur in 50% of all tumors. Polyak et al. (1997) [PubMed 9305847] used serial analysis of gene expression (SAGE) to evaluate cellular mRNA levels in a colorectal cancer cell line transfected with p53. Of 7,202 transcripts identified, only 14 were expressed at levels more than 10-fold higher in

p53-expressing cells than in control cells. Polyak et al. (1997) [PubMed 9305847] termed these genes 'p53-induced genes,' or PIGs, several of which were predicted to encode redox-controlling proteins. They noted that reactive oxygen species (ROS) are potent inducers of apoptosis. Flow cytometric analysis showed that p53 expression induces ROS production, which increases as apoptosis progresses under some conditions. The authors stated that the PIG10 gene, also called ENC1, encodes an actin-binding protein.[supplied by OMIM]