



ESE-1 Antibody

CATALOG NUMBER: 47-131

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	N-terminal sequence of human ESE-1 protein.
HOST SPECIES:	Rabbit

Properties

PHYSICAL STATE:	Liquid
BUFFER:	PBS
STORAGE CONDITIONS:	ESE-1 antibody can be stored at 4°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	DNA ligase 3, DNA ligase III, LIG2
ACCESSION NO.:	P49916
PROTEIN GI NO.:	251757259
OFFICIAL SYMBOL:	LIG3
GENE ID:	3980

Background

BACKGROUND:	Epithelium-specific gene regulation plays a critical role during embryogenesis, and the epithelial cell lineage is the first differentiated cell type to appear after fertilization. Until recently, very few epithelial cell-restricted transcription factors had been described. Members of the ets transcription factor/oncogene family have been implicated in human carcinogenesis following the discovery of several distinct chromosomal translocations involving members of the ets family in different types of cancer. ets factors play key roles in transcriptional control of stringently regulated genes, such as genes involved in tissue development, differentiation, angiogenesis, cell cycle control and cell proliferation. ESE-1 is the first member of the ets family that was found to be exclusively expressed and inducible in epithelial cells.
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FOR RESEARCH USE ONLY

December 13, 2016