SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-ETV3 antibody

SL14647R

Product Name:	ETV3
Chinese Name:	ETV3蛋白抗体
Alias:	AI414410; bA110J1.4; ETS domain transcriptional repressor PE1; ETS family transcriptional repressor; ETS translocation variant 3; ets variant 3; ets variant gene 3; ets variant gene 3, ETS family transcriptional repressor; ETV3; ETV3_HUMAN; ME PE1; METS; Mitogenic Ets transcriptional suppressor; Oncogene PE1; PE 1; PE-1; PE1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	57kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ETV3:65-165/512
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	ETV3 belongs to the ETS family of transcription factors and functions as a transcriptional repressor. ETS family members share a highly conserved DNA binding domain and play a role in growth factor pathways regulating proliferation and

differentiation. PE-1 is ubiquitously expressed and localizes to the nucleus. Its expression can be induced by IL-10 via the STAT3 pathway suggesting that PE-1 contributes to the IL-10 downstream anti-inflammatory effects. During terminal cell differentiation, PE-1 plays a role in growth arrest by specifically repressing the target genes that are involved in Ras-dependent proliferation. The contributions of PE-1 to these anti-proliferative effects are heavily dependent on its interaction with Gemin3. Two PE-1 isoforms exist due to alternative splicing events.

Function:
Transcriptional repressor that contribute to growth arrest during terminal macrophage differentiation by repressing target genes involved in Ras-dependent proliferation. Represses MMP1 promoter activity.

Subcellular Location:
Nucleus.

Similarity:
Belongs to the ETS family.
Contains 1 ETS DNA-binding domain.

SWISS:
P41162

Gene ID:
2117

Database links:

Entrez Gene: 2117 Human

Entrez Gene: 27049 Mouse

Entrez Gene: 295297 Rat

Omim: 164873 Human

SwissProt: P41162 Human

SwissProt: Q8R4Z4 Mouse

Unigene: 105636 Human

Unigene: 219460 MouseUnigene: 225088

Important Note:
This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.