

Anti-Pea3 Picoband Antibody
Catalog # ABO12385**Specification**

Anti-Pea3 Picoband Antibody - Product Information

Application	WB
Primary Accession	P43268
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for ETS translocation variant 4(ETV4) detection. Tested with WB in Human;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Pea3 Picoband Antibody - Additional Information

Gene ID 2118

Other Names

ETS translocation variant 4, Adenovirus E1A enhancer-binding protein, E1A-F, Polyomavirus enhancer activator 3 homolog, Protein PEA3, ETV4, E1AF, PEA3

Calculated MW

53938 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, Rat

Subcellular Localization

Nucleus.

Protein Name

ETS translocation variant 4

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human Pea3 (1-41aa MERRMKAGYLDQQVPYTFSSKSPGNGSLREALIGPLGKLMD), different from the related mouse sequence by seven amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-Pea3 Picoband Antibody - Protein Information

Name ETV4

Synonyms E1AF, PEA3

Function

Transcriptional activator (PubMed: [19307308](http://www.uniprot.org/citations/19307308), PubMed: [31552090](http://www.uniprot.org/citations/31552090)). May play a role in keratinocyte differentiation (PubMed: [31552090](http://www.uniprot.org/citations/31552090)).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00237}.

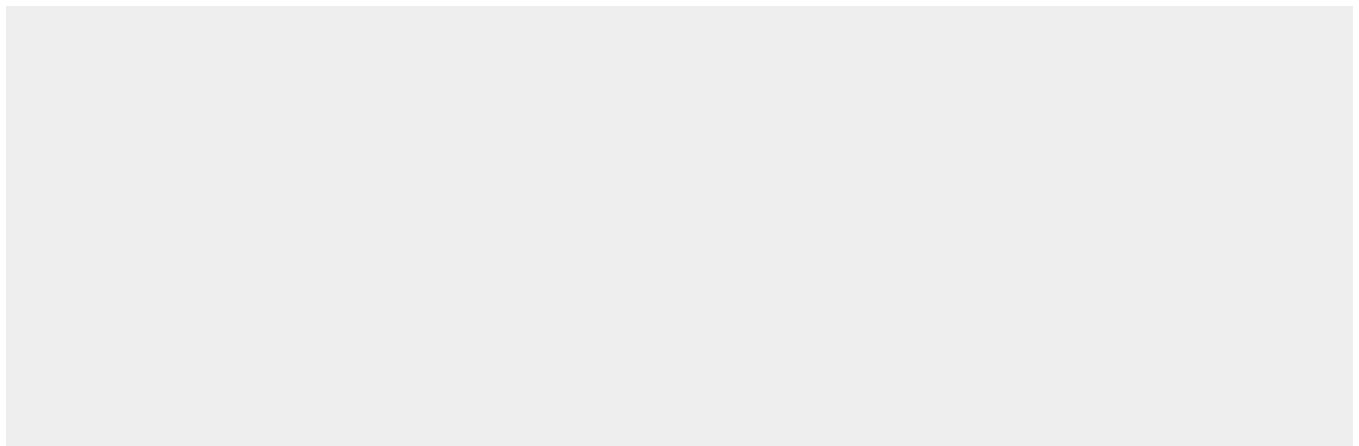
Tissue Location

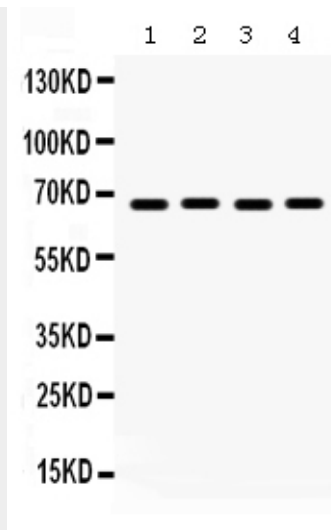
Expressed in keratinocytes.

Anti-Pea3 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Pea3 Picoband Antibody - Images



Anti- Pea3 Picoband antibody, ABO12385, Western blotting All lanes: Anti Pea3 (ABO12385) at 0.5ug/ml
Lane 1: Rat Lung Tissue Lysate at 50ug
Lane 2: HELA Whole Cell Lysate at 40ug
Lane 3: A549 Whole Cell Lysate at 40ug
Lane 4: SW620 Whole Cell Lysate at 40ug
Predicted bind size: 54KD
Observed bind size: 68KD

Anti-Pea3 Picoband Antibody - Background

ETS translocation variant 4 (ETV4), also known as polyoma enhancer activator 3 (PEA3), or E1AF, is a member of the PEA3 subfamily of Ets transcription factors. It is mapped to 17q21.31. E1AF can activate the promoters of various matrix metalloproteinases, genes whose expression is associated with tumor cell invasion and metastasis, by 10 to 20 fold. Pea3 is detected in cells of epithelial and fibroblastic origin. It is also a transcriptional activator that binds to the enhancer of the adenovirus E1A gene.