

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

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**Anti-Pea3 Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P43268</a>
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<br>

**Subcellular Localization**

Nucleus.

**Protein Name**

ETS translocation variant 4

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human Pea3 (1-41aa MERRMKAGYLDQQVPYTFSSKSPGNGSLREALIGPLGKLM), 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}.

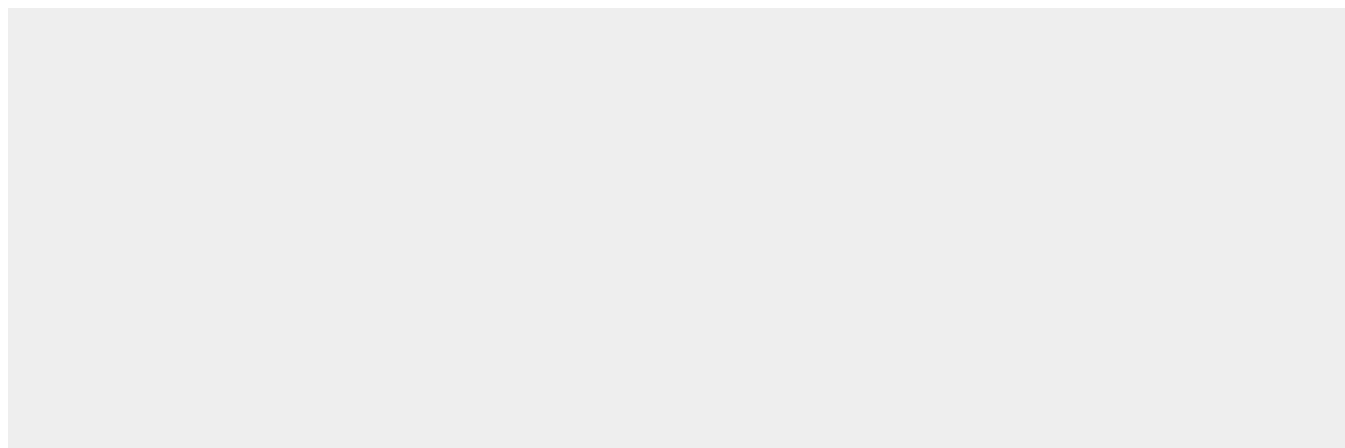
**Tissue Location**

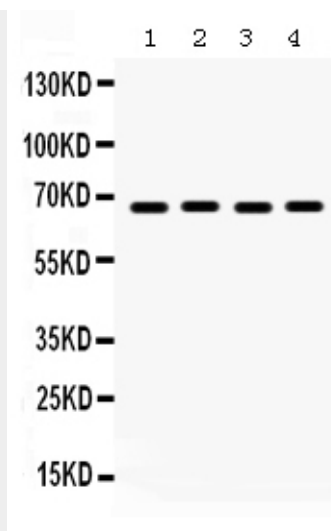
Expressed in keratinocytes.

**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.