

## 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.

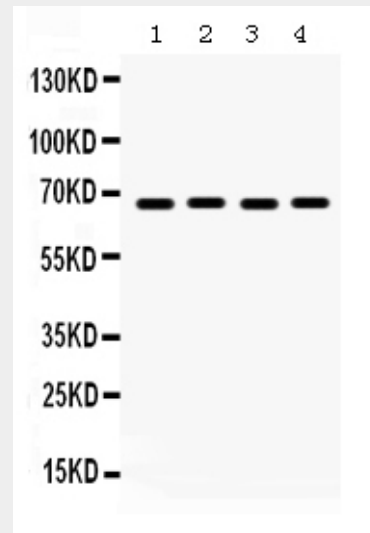
#### Protein Name

ETS translocation variant 4

#### Contents

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

#### Immunogen



Anti- Pea3 Picoband antibody, ABO12385, Western blottingAll lanes: Anti Pea3 (ABO12385) at 0.5ug/mlLane 1: Rat Lung Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: A549 Whole Cell Lysate at 40ugLane 4: SW620 Whole Cell Lysate at 40ugPredicted bind size: 54KDObserved 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.

A synthetic peptide corresponding to a sequence at the N-terminus of human Pea3 (1-41aa MERRMKAGYLDQQVPYTFSSKSPGNG SLREALIGPLGKLMD), 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 r°Constitution, 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:<a href="http://www.uniprot.org/citations/19307308" target="\_blank">19307308</a>, PubMed:<a href="http://www.uniprot.org/citations/31552090" target="\_blank">31552090</a>). May play a role in keratinocyte differentiation (PubMed:<a href="http://www.uniprot.org/citations/31552090" target="\_blank">31552090</a>).

**Cellular Location**

Nucleus  
{ECO:0000255|PROSITE-ProRule:PRU00237}  
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**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](#)