

#### **Anti-STUB1 Picoband Antibody**

Catalog # ABO10168

#### **Specification**

### Anti-STUB1 Picoband Antibody - Product Information

Application WB, IHC-P, E
Primary Accession
Host Rabbit

Reactivity Human, Mouse,

Rat

Clonality Polyclonal Format Lyophilized

**Description** 

Rabbit IgG polyclonal antibody for STUB1 detection. Tested with WB, IHC-P, Direct ELISA in Human:Mouse:Rat.

#### Reconstitution

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

### Anti-STUB1 Picoband Antibody - Additional Information

#### **Application Details**

Western blot, 0.1-0.5 μg/ml<br/>lmmunohistochemistry(Paraffin-embedded Section), 0.5-1 μg/ml<br/>br> Direct ELISA, 0.1-0.5 μg/ml<br/>br>

## **Subcellular Localization** Cytoplasm.

#### **Tissue Specificity**

Highly expressed in skeletal muscle, heart, pancreas, brain and placenta. Detected in kidney, liver and lung.

#### **Contents**

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

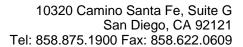
#### **Immunogen**

E. coli-derived human STUB1 recombinant protein (Position: R51-Y303).

#### **Cross Reactivity**

# Anti-STUB1 Picoband Antibody - Background

STUB1 (STIP1 homology and U-Box containing protein 1), also known as CHIP (C terminus of HSC70-Interacting Protein), is a human gene. This gene encodes a protein containing tetratricopeptide repeat and a U-box that functions as a ubiquitin ligase/cochaperone. The encoded protein binds to and ubiquitinates shock cognate 71 kDa protein (Hspa8) and DNA polymerase beta (Polb), among other targets. Mutations in this gene cause spinocerebellar ataxia, autosomal recessive 16. Alternative splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 2.





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-STUB1 Picoband Antibody - Protein Information** 

#### **Anti-STUB1 Picoband Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture