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Datasheet for ABIN6991615  
**anti-ANKLE1 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	ANKLE1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This ANKLE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	ANKLE1 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human ANKLE1. The immunogen is located within the last 50 amino acids of ANKLE1.
Isotype:	IgY
Specificity:	Two isoforms of ANKLE1 are known to exist. ANKLE1 antibody is predicted to not cross-react with ANKLE2
Purification:	ANKLE1 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	ANKLE1
Alternative Name:	ANKLE1 ( <a href="#">ANKLE1 Products</a> )

## Target Details

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**Background:** ANKLE1 Antibody: Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network. ANKLE1 (Ankyrin repeat and LEM domain containing 1) is a member of ankyrin repeat and LEM domain containing family. It is a potential single-pass membrane protein that contains ankyrin repeats and a Lem domain. Ankyrin repeats mediate protein-protein interactions and are among the most common structural motifs in known proteins. While the function of this protein is still under investigation, its gene locus has been associated with susceptibility to ovarian and breast cancer.

**Gene ID:** 126549

**NCBI Accession:** [NP\\_689576](#)

**UniProt:** [Q8NAG6](#)

## Application Details

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**Application Notes:** ANKLE1 antibody can be used for detection of ANKLE1 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** ANKLE1 Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

**Storage Comment:** ANKLE1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.