

## Product Datasheet

### CTTN Antibody (orb1247987)

<b>Catalog Number</b>	orb1247987
<b>Category</b>	Antibodies
<b>Description</b>	CTTN Antibody
<b>Target</b>	CTTN
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine, Canine
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	500 ug/mL
<b>Buffer/Preservatives</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Immunogen</b>	The immunogen for this antibody is: WKASAGHAVSIA-C
<b>UniProt ID</b>	<b>Q14247</b>
<b>Tested applications</b>	ELISA, WB

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**Application notes**

Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx. 80kDa band observed in Human, Mouse and Rat Brain lysates and in lysates of cell line HEK293 (calculated MW of 61.6kDa according to Human NP\_005222.2 and of 61.2kDa according to Mouse NP\_031829.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Paradis et al, J Cell Sci. 2008 Jun 15;121(Pt 12):1965-72; PMID 18495841). Recommended concentration: 0.01-0.03µg/mL.

**Specificity**

This antibody is expected to recognize both reported isoforms (NP\_005222.2; NP\_612632.1).

**Antibody Type**

Primary Antibody

**Modifications**

None

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**NCBI**

**NP\_005222.2, NP\_612632.1**

**Expiration Date**

12 months from date of receipt.



orb1247987 (0.01 ug/ml) staining of Mouse Brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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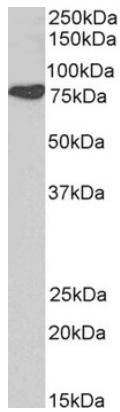
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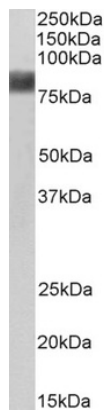
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orb1247987 (0.1 ug/ml) staining of Human Brain (Cerebellum) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence



orb1247987 (0.03 ug/ml) staining of HEK293 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

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