

# Product Datasheet

## Ankyrin 1 Antibody **NBP1-02311**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-02311**

Ankyrin 1 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

<b>Host</b>	Goat
<b>Gene ID</b>	286
<b>Gene Symbol</b>	ANK1
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise isoform 3 (NP_000028.3) and isoform 5 (NP_065211.2).
<b>Immunogen</b>	Peptide with sequence C-QIVKRASLKRKGKQ corresponding to C-Terminus according to NP_065208.2, NP_065209.2, NP_065210.2, NP_065211.2, NP_065213.2.
<b>Notes</b>	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at innovators@novusbio.com for more details.

**Product Application Details**

<b>Applications</b>	Peptide ELISA
<b>Recommended Dilutions</b>	Peptide ELISA Detection limit 1:128000
<b>Application Notes</b>	WB: Preliminary experiments gave approx. 19-23 kDa band bands in human skeletal muscle lysates after 0.01 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for these bands we observe given the observed 28+30 kDa band bands in the literature for this tissue/scientific literature (PMID: 9430667) and given the calculated size of 17.6 kDa band according to NP_065211.2. The 19-22 kDa band bands were successfully blocked by incubation with the immunizing peptide.

**Publications**

Dubreuil RR. Functional links between membrane transport and the spectrin cytoskeleton. *J Membr Biol* 2006-01-01 [PMID: 17091212]



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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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