

# Product Datasheet

## Annexin A2 Antibody - BSA Free NBP1-59124

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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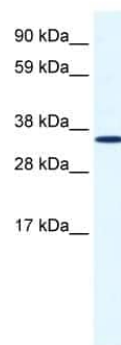
**NBP1-59124**

Annexin A2 Antibody - BSA Free

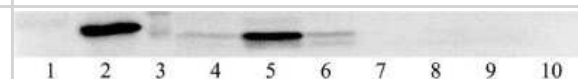
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	37 kDa
<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	302
<b>Gene Symbol</b>	ANXA2
<b>Species</b>	Human, Mouse, Bovine
<b>Reactivity Notes</b>	Bovine reactivity reported in scientific literature (PMID: 23565988).
<b>Immunogen</b>	Synthetic peptides corresponding to ANXA2 (annexin A2) The peptide sequence was selected from the C terminal of ANXA2 (NP_004030). Peptide sequence: RIMVSRSEVDMLKIRSEFKRKYGKSLYYYIQQDTKGDYQKALLYLCGGDD. The peptide sequence for this immunogen was taken from within the described region.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml

## Images

Western Blot: Annexin A2 Antibody [NBP1-59124] - Titration: 1.25ug/ml,  
Positive Control: Human Lung.

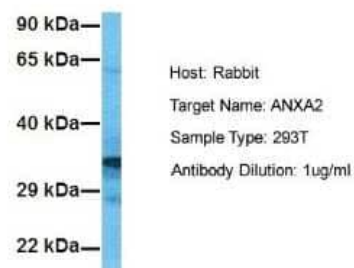


Western Blot: Annexin A2 Antibody [NBP1-59124] - Western blot of BALF samples labeled with antibody to annexin A2. Lane 1: synthetic annexin A1 peptide, 2: synthetic annexin A2 peptide (positive control), 3: molecular weight ladder, 4-6: samples from calves that remained healthy; 7-9: samples from calves that later developed pneumonia, 10: negative control. The two bands indicate that there are two isoforms of the annexin A2 present in BALF, and the density of the bands is higher in the calves that remained healthy compared to the calves that later developed pneumonia. Image collected and cropped by CiteAb from the following publication (<https://www.veterinaryresearch.org/content/44/1/24>) licensed under a CC-BY license.



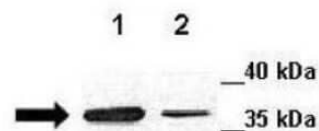
Western Blot: Annexin A2 Antibody [NBP1-59124] - Sample Tissue:  
Human 293T Antibody Dilution: 1.0 ug/ml

### ANXA2



Western Blot: Annexin A2 Antibody [NBP1-59124] - Lanes: Lane 1: 20 ug mouse GL261 cell lysate Lane 2: 20 ug mouse astrocyte cell lysate  
Primary Antibody Dilution: 1:250 Secondary Antibody: Anti-rabbit-HRP  
Secondary Antibody Dilution: 1:500 Gene Name: ANXA2

### ANXA2



## Publications

Senthilkumaran C, Clark ME, Abdelaziz K et al. Increased annexin A1 and A2 levels in bronchoalveolar lavage fluid are associated with resistance to respiratory disease in beef calves. *Vet Res* 2013-04-08 [PMID: 23565988] (WB, Bovine)



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### Products Related to NBP1-59124

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-37086	Recombinant Human Annexin A2 His Protein

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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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