

# Product Datasheet

## B7-H4 Antibody - BSA Free

### NBP2-30536

Unit Size: 0.1 ml

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

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#### Publications: 2

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**NBP2-30536**

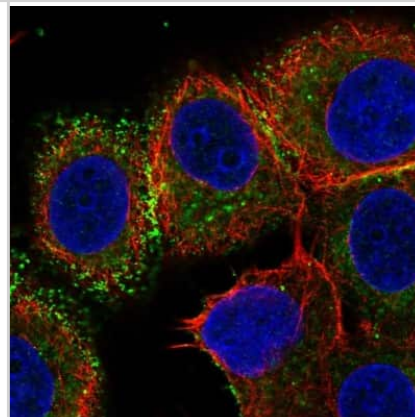
B7-H4 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	79679
Gene Symbol	VTCN1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (85%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ISGRHSITVTTVASAGNIGEDGILSCTFEPDIKLSDIVIQWLKEGVLGLVHEFKEG KDELSEQDEMFRGRTAVFADQVIVGNASLRL
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

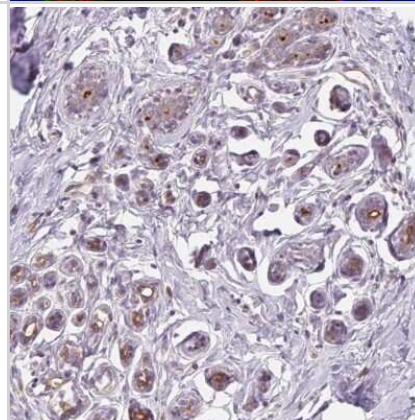


## Images

Immunocytochemistry/Immunofluorescence: B7-H4 Antibody [NBP2-30536] - Immunofluorescent staining of human cell line MCF7 shows localization to plasma membrane & cell junctions.



Immunohistochemistry-Paraffin: B7-H4 Antibody [NBP2-30536] - Staining of human breast shows moderate membranous positivity in glandular cells.



## Publications

Chen L, Xie Q, Wang Z et al. Assessment of combined expression of B7-H3 and B7-H4 as prognostic marker in esophageal cancer patients. *Oncotarget*. 2016-11-22 [PMID: 27764786] (IF/IHC, Human)

Xu M, Zhang B, Zhang M et al. Clinical relevance of expression of B7-H1 and B7-H4 in ovarian cancer. *Oncology Letters*. 2016-01-01 [PMID: 27073557] (IHC-P, Human)



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### **Products Related to NBP2-30536**

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NBP2-30536PEP	B7-H4 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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