

# Product Datasheet

## ULBP-1 Antibody NBP1-80856

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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**NBP1-80856****ULBP-1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<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>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

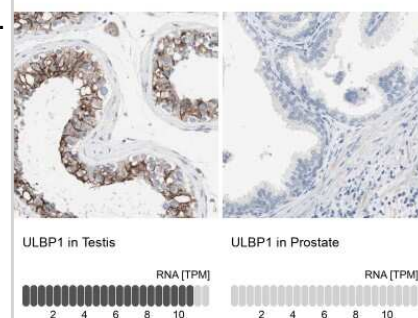
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	80329
<b>Gene Symbol</b>	ULBP1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 25510288).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: THCLCYDFIITPKSRPEPQWCEVQGLVDERPFLHYDCVNHKAKAFASLGKKVN VTKTWEEQTETLRDVVDFLKGQLLDIQVENLIPIEPLTLQARMS

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	IHC reported in scientific literature (PMID: 25854581). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

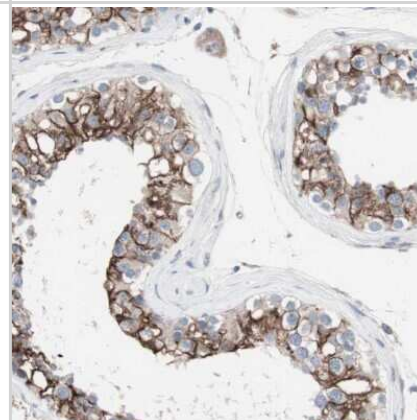


## Images

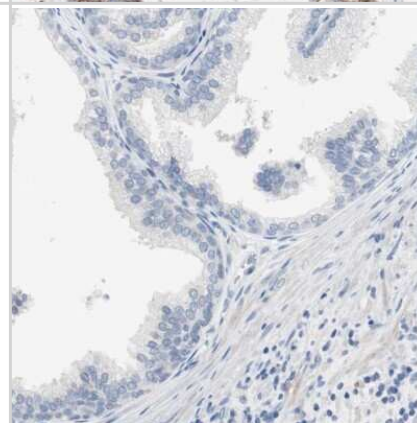
Immunohistochemistry-Paraffin: ULBP-1 Antibody [NBP1-80856] - Staining in human testis and prostate tissues using anti-ULBP1 antibody. Corresponding ULBP1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: ULBP-1 Antibody [NBP1-80856] - Staining of human testis shows high expression.



Immunohistochemistry-Paraffin: ULBP-1 Antibody [NBP1-80856] - Staining of human prostate shows low expression as expected.



## Publications

Takahashi J, Mizutani T, Sugihara H et al. Suspension culture in a rotating bioreactor for efficient generation of human intestinal organoids Cell reports methods 2022-11-21 [PMID: 36452871] (IF/IHC, Human)

Boerman GH, van Ostaijen-ten Dam MM, Kraal KC et al. Role of NKG2D, DNAM-1 and natural cytotoxicity receptors in cytotoxicity toward rhabdomyosarcoma cell lines mediated by resting and IL-15-activated human natural killer cells. Cancer Immunol Immunother 2015-05-01 [PMID: 25854581] (IF/IHC, Human)

Cho H, Chung JY, Kim S et al. MICA/B and ULBP1 NKG2D ligands are independent predictors of good prognosis in cervical cancer. BMC Cancer 2014-12-15 [PMID: 25510288] (IF/IHC, Human)

Picardi A, Mengarelli A, Marino M et al. Up-regulation of activating and inhibitory NKG2 receptors in allogeneic and autologous hematopoietic stem cell grafts. J. Exp. Clin. Cancer Res. 2015-09-12 [PMID: 26361968] (IHC-P, Human)

Spada R, Rojas JM, Perez-Yague S et al. NKG2D ligand overexpression in lupus nephritis correlates with increased NK cell activity and differentiation in kidneys but not in the periphery J. Leukoc. Biol. 2015-03-01 [PMID: 25583577]

de Kruijf EM, Sajet A, van Nes JG et al. NKG2D ligand tumor expression and association with clinical outcome in early breast cancer patients: an observational study. BMC Cancer 2012-01-01 [PMID: 22257486]



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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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