Product Datasheet

TLR2 Antibody - Azide Free
NBP2-24861

Unit Size: 0.1 mg

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

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Publications: 6

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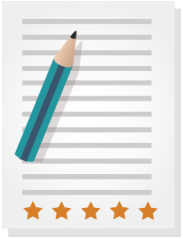
Updated 10/23/2024 v.20.1



NBP2-24861

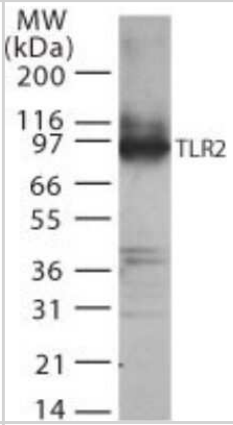
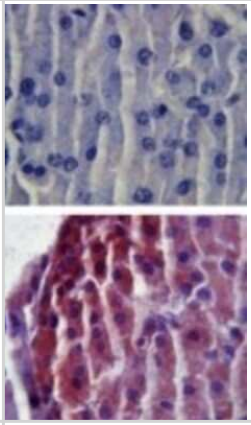
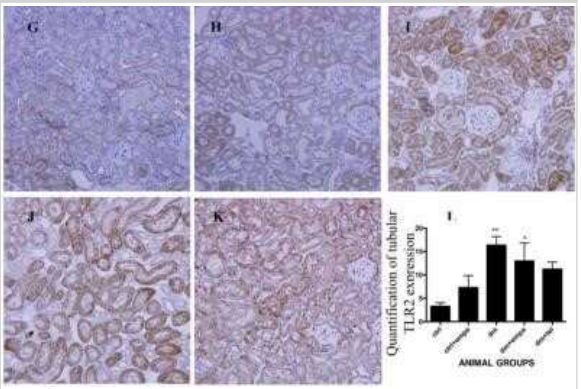
TLR2 Antibody - Azide Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	0.2 ml sterile PBS
Target Molecular Weight	89 kDa

Product Description	
Host	Rabbit
Gene ID	7097
Gene Symbol	TLR2
Species	Human, Mouse
Immunogen	This antibody was developed against a mixture of synthetic peptides containing amino acids 180-196, 353-370, and 473-489 of human TLR2 (NP_003255).

Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunohistochemistry
Application Notes	In transfected human TLR2 cell lysate, a 90 kDa band is observed. This has also been reported to work well in bronchial epithelial cells (UBH16E) and THP-1 cells.

Images

Western Blot: TLR2 Antibody - Azide Free [NBP2-24861] - Analysis of TLR2 in transfected cell lysate using this antibody.	
Immunohistochemistry: TLR2 Antibody - Azide Free [NBP2-24861] - Analysis of mouse pancreas tissue using an isotype control (top) and this antibody (bottom) at 5 ug/ml. Image using the standard format of this product.	
Immunohistochemistry: TLR2 Antibody - Azide Free [NBP2-24861] - Representative photographs of immunohistochemistry for tubular TLR2 in G) ctrl, H) ctrl + empa, I) diabetic (dm), J) dm + empagliflozin, K) dm + telmisartan groups (Magnification = original X 200) and quantification of tubular TLR2 expression by Image J (L). (Data are expressed as mean +/- SEM with *=P<0.05 vs ctrl, **=P<0.001 vs ctrl and #=P<0.05 vs dm). Image collected and cropped by CiteAb from the following publication (//doi.org/10.1371/journal.pone.0108994) licensed under a CC-BY license. Image using the standard format of this product.	

Publications

Millar FR, Pennycuick A, Muir M Et al. Toll-like receptor 2 orchestrates a tumor suppressor response in non-small cell lung cancer Cell Rep 2022-11-09 [PMID: 36351380] (IHC-P, Mouse, Human)

Details:
Citation using the Azide Free version of this antibody.

LeBouder E, Rey-Nores JE, Rushmere NK et al. Soluble forms of Toll-like receptor (TLR)2 capable of modulating TLR2 signaling are present in human plasma and breast milk. J Immunol. 2003-12-15 [PMID: 14662871] (WB, Human)

Details:
1. TLR2 (IMG-319 and IMG-410); For IMG-319: WB, Fig.1D and Fig.6C (Mono Mac-6 monocytes); For IMG-410: Fig.6A-B, (human breast milk).

Su X, Ao L, Shi Y et al. Oxidized low density lipoprotein induces bone morphogenetic protein-2 in coronary artery endothelial cells via Toll-like receptors 2 and 4. J Biol Chem. 2011-04-08 [PMID: 21325271] (Human)

Details:
TLR2/CD282 (IMG-410A). WB: TLR2 siRNA transfected human coronary artery endothelial (CAECs) cell line, Fig 3A. Note: The TLR2 (IMG-410A) antibody was siRNA validated by WB in CAEC cell line, Fig 3A.

Ghanim H, Sia CL, Upadhyay M et al. Orange juice neutralizes the proinflammatory effect of a high-fat, high-carbohydrate meal and prevents endotoxin increase and Toll-like receptor expression. Am J Clin Nutr. 2010-04-01 [PMID: 20200256]

Wu H, Wang H, Xiong W et al. Expression patterns and functions of toll-like receptors in mouse sertoli cells. Endocrinology. 2008-09-01 [PMID: 18499758] (WB)

Details:
Antibodies cited: 1. TLR2 (IMG-410A): WB (sertoli cell lysates), Fig. 1D. 2. TLR5 (IMG-444A): WB (sertoli cell lysates), Fig. 1D. 3. TLR5 (IMG-664C): Flow (cell surface), mouse sertoli cells and macrophages, Figs. 1B,C,E. 4. TLR6 (IMG-527): WB (sertoli ce

Chun J, Prince A. Activation of Ca2+-dependent signaling by TLR2. J Immunol. 2006-07-15 [PMID: 16818794] (WB, Human)

Details:
1. TLR2 (IMG-410) [WB (human airway epithelial cell lines)].

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Products Related to NBP2-24861

NBP2-25297	Pam3CSK4, TLR1 and TLR2 Ligand
NBP2-29331	TIRAP (TLR2 and TLR4) Inhibitor Peptide Set
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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