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TLL1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10755b

Product Information

Application	IHC-P, WB, E
Primary Accession	O43897
Other Accession	Q62381, NP_036596.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24678
Calculated MW	114709
Antigen Region	874-901

Additional Information

Gene ID	7092
Other Names	Tolloid-like protein 1, 3424-, TLL1, TLL
Target/Specificity	This TLL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 874-901 amino acids from the C-terminal region of human TLL1.
Dilution	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TLL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TLL1
Synonyms	TLL
Function	Protease which processes procollagen C-propeptides, such as chordin,

pro-biglycan and pro-lysyl oxidase. Required for the embryonic development. Predominant protease, which in the development, influences dorsal-ventral patterning and skeletogenesis.

Cellular Location Secreted.

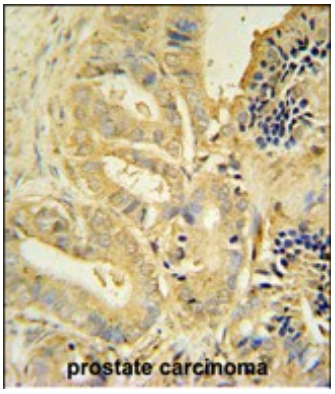
Background

This gene encodes an astacin-like zinc-dependent metalloprotease and is a subfamily member of the metzincin family. A similar protein in mice is required during heart development and specifically processes procollagen C-propeptides and chordin at similar cleavage sites.

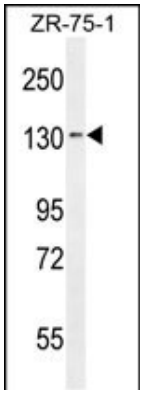
References

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Sabirzhanova, I.B., et al. Biochem. Biophys. Res. Commun. 389(2):338-342(2009)
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Images



TLL1 antibody (C-term) (Cat. #AP10755b) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TLL1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



TLL1 Antibody (C-term) (Cat. #AP10755b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the TLL1 antibody detected the TLL1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.