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Datasheet for ABIN2790296
anti-LGSN antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	LGSN
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGSN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human LGSN
Sequence:	QEDSTRDEGN ETEANSMNTL RRTRKKVTKP YVCSTEVGET DMSNSNDCMR
Predicted Reactivity:	Cow: 85%, Dog: 100%, Human: 100%, Rabbit: 79%
Characteristics:	This is a rabbit polyclonal antibody against LGSN. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LGSN
Alternative Name:	LGSN (LGSN Products)
Background:	This gene encodes a protein with similarity to the GS I members of the glutamine synthetase

Target Details

superfamily. The encoded protein is referred to as a pseudo-glutamine synthetase because it has no glutamine synthesis activity and may function as a chaperone protein. This protein is localized to the lens and may be associated with cataract disease.

Alias Symbols: GLULD1, LGS, MGC163238, MGC163240

Protein Size: 509

Molecular Weight: 57 kDa

Gene ID: 51557

NCBI Accession: [NM_016571](#), [NP_057655](#)

UniProt: [Q5TDP6](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 509 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

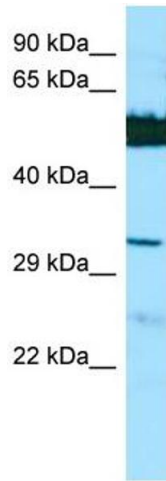
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-LGSN Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell