

CGN Rabbit pAb

Catalog No.: A15489 **1 Publications**

Basic Information

Observed MW

160kDa

Calculated MW

137kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

Background

Enables cadherin binding activity. Predicted to act upstream of or within bicellular tight junction assembly; epithelial cell morphogenesis; and microtubule cytoskeleton organization. Located in bicellular tight junction and plasma membrane.

Recommended Dilutions

WB	1:200 - 1:2000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

57530

Swiss Prot

Q9P2M7

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 904-1203 of human CGN (NP_065821.1).

Synonyms

CGN; cingulin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

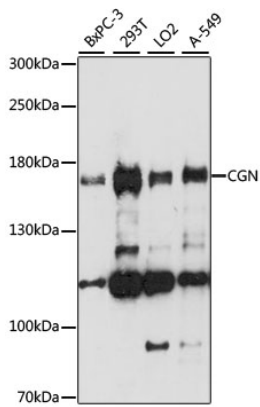
Affinity purification

Storage

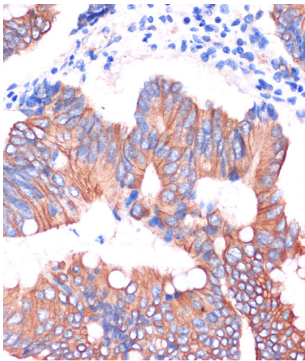
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using CGN Rabbit pAb (A15489) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using CGN Rabbit pAb (A15489) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.