10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-GON4L Antibody

Catalog # AP54040

Product Information

Application	WB
Primary Accession	Q3T8J9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	248620

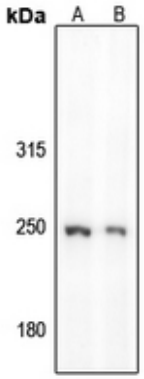
Additional Information

Gene ID	54856
Other Names	GON4; KIAA1606; GON-4-like protein; GON-4 homolog
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GON4L. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GON4L {ECO:0000303|PubMed:25339177, ECO:0000312|HGNC:HGNC:25973}
Function	Acts as a key transcription regulator of histones (PubMed: 25339177, PubMed:40516528, PubMed:40516529). Activates transcription of the histone H2A, histone H2B, histone H3 and histone H4 genes in conjunction with GON4L and MIZF (PubMed:25339177). Together with CRAMP1, binds to the promoters of H1 genes (H1-2, H1-3, H1-4, H1-5 and H1-10/H1x), driving their transcription (PubMed:40516528, PubMed:40516529). Also acts as a transcription corepressor, as part of a complex with YY1, SIN3A and HDAC1 (By similarity). Required for B- cell lymphopoiesis (By similarity).
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00810}. Chromosome Note=Localizes to histone locus bodies (HLB)
Tissue Location	Widely expressed..

Images



Western blot analysis of GON4L expression in HEK293T (A), K562 (B) whole cell lysates. (Predicted band size: 248 kD; Observed band size: 250 kD)

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