

Datasheet for 100-401-V37**hLeo1 Antibody****Overview**

Description:	Anti-hLeo1 (RABBIT) Antibody - 100-401-V37
Item No.:	100-401-V37
Size:	100 µL
Applications:	WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	PAF is a five-subunit protein complex composed of Paf1, Cdc73, Leo1, Rtf1 and Ctr9, which was first purified from yeast. The yeast PAF (yPAF) complex interacts with RNA polymerase II and coordinates the setting of histone marks associated with active transcription. The human PAF (hPAF) complex shares four subunits with yPAF (hCtr9, hPaf1, hLeo1 and Cdc73), but contains an additional higher eukaryotic-specific subunit, hSki8. In addition to coordinating events during transcription (initiation, promoter clearance and elongation); PAF also coordinates events in RNA quality control. Anti-hLeo1 Antibody is ideal for research in Gene Expression, Transcription and Epigenetics.
Synonyms:	RNA polymerase-associated protein LEO1, Replicative senescence down-regulated leo1-like protein, RDL
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	LEO1
Reactivity:	Human
Immunogen Type:	Recombinant Protein

Immunogen:	Anti-hLeo1 Antibody was produced in rabbits by repeated immunizations with a full length recombinant protein of human Leo1 (component of the human PAF1/RNA polymerase II complex).
Purity/Specificity:	Anti-hLeo1 Antibody is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration. This product reacts with human hLeo1. Cross reactivity with hLeo1 from other sources is not known.
Relevant Links:	<ul style="list-style-type: none">• UniProtKB - Q8WVC0• GeneID - 123169• NCBI - NP_001273359.1

Application Details

Tested Applications:	WB
Application Note:	Anti-hLeo1 Antibody has been tested in Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 80 kDa in the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	1:1,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	Neat
Buffer:	None
Preservative:	0.05% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot results of Rabbit anti-hLeo1 antibody. Lane 1: HeLa nuclear extracts cells. Load: 20 µg. Primary antibody: hLeo1 antibody at 1:1000 for overnight at 4°C. Secondary antibody: goat anti-rabbit HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO/TBS-Tween overnight at 4°C.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.