

ENL / MLLT1 Antibody (aa538-553)
Rabbit Polyclonal Antibody
Catalog # ALS11588**Specification**

ENL / MLLT1 Antibody (aa538-553) - Product Information

Application	IHC
Primary Accession	Q03111
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62kDa KDa

ENL / MLLT1 Antibody (aa538-553) - Additional Information**Gene ID** 4298**Other Names**

Protein ENL, YEATS domain-containing protein 1, MLLT1, ENL, LTG19, YEATS1

Target/Specificity

Amino acids 538 to 553 of human MLLT1

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

ENL / MLLT1 Antibody (aa538-553) is for research use only and not for use in diagnostic or therapeutic procedures.

ENL / MLLT1 Antibody (aa538-553) - Protein Information**Name** MLLT1**Synonyms** ENL, LTG19, YEATS1**Function**

Chromatin reader component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA (PubMed:20159561, PubMed:20471948). Specifically recognizes and binds acetylated and crotonylated histones, with a preference for histones that are crotonylated (PubMed:27105114). Has a slightly higher affinity for binding histone H3 crotonylated at 'Lys-27' (H3K27cr) than 'Lys-20' (H3K9cr20) (PubMed:27105114).

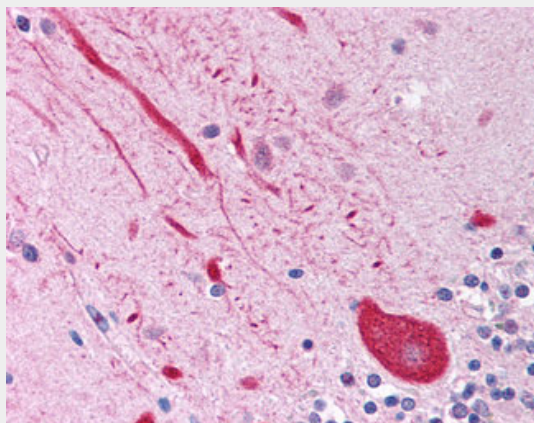
Cellular Location

Nucleus.

ENL / MLLT1 Antibody (aa538-553) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ENL / MLLT1 Antibody (aa538-553) - Images

Anti-MLLT1 antibody IHC of human brain, cerebellum.

ENL / MLLT1 Antibody (aa538-553) - Background

Component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA.

ENL / MLLT1 Antibody (aa538-553) - References

- Tkachuk D.C., et al. Cell 71:691-700(1992).
Yamamoto K., et al. Oncogene 8:2617-2625(1993).
Rubnitz J.E., et al. Blood 84:1747-1752(1994).
Olsen J.V., et al. Cell 127:635-648(2006).
Daub H., et al. Mol. Cell 31:438-448(2008).