Anti-ELP3 antibody

Cat. No.	ml161399
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-ELP3 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human ELP3
Reactivity	Human, Mouse
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ELP3
Full name	elongator acetyltransferase complex subunit 3
Synonyms	KAT9
Swissprot	Q9H9T3

Target Background

ELP3 is the catalytic subunit of the histone acetyltransferase elongator complex, which contributes to transcript elongation and also regulates the maturation of projection neurons. Catalytic histone acetyltransferase subunit of the RNA polymerase II elongator complex, which is a component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4. May also have a methyltransferase activity. Involved in cell migration.
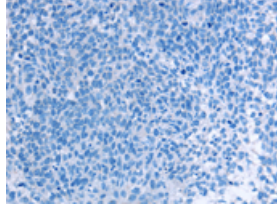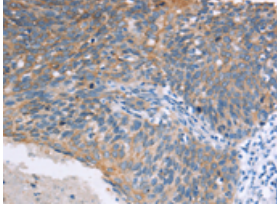
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 15-50

Predicted cell location: Cytoplasm

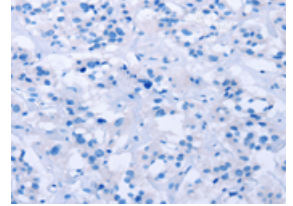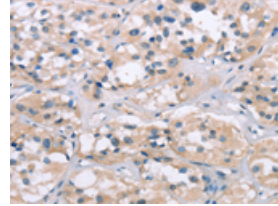Positive control: Human thyroid cancer

Recommended dilution: 15-50

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml161399(ELP3 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml161399(ELP3 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-2000

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