



Anti-MAML2 polyclonal antibody (CABT-BL2262)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide, corresponding to a region between residue 1100 and the C-terminus (residue 1153) of Human MAML2 (AAK93831.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Cellular Localization	Nucleus speckle. Nuclear, in a punctate manner.
Format	Liquid
Size	100 µl
Buffer	0.1% BSA, Tris buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4°C.

BACKGROUND

Introduction Diphtheria is a bacterial infectious disease which appears predominantly during the childhood.

The disease leads particularly to an inflammation of the pharynx, larynx and nasal mucosa. The etiologic agent is the *Corynebacterium diphtheriae*. Its pathogenicity is based on the secretion of an exotoxin that is circulating in the blood and effecting the heart muscle, kidneys and CNS. Only the toxigenic strains are pathogenic. Depending on the stage of disease, the three types 'slight, middle and serious' can be distinguished. The grade of disease depends on the immune status of the child. Usually, a limited Diphtheria arises, whereas in case of an immune suppression, a severe Diphtheria is observed. As a result of this course of disease, the patient may die. In most cases children will be vaccinated (e.g. DTP = Diphtheria-Tetanus-Pertussis) after the third month of life. The state of immunity can be monitored by determining the antitoxin IgG.

GENE INFORMATION

Entrez Gene ID	84441
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Protein Refseq	NP_115803
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UniProt ID	Q8IZL2
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