

IL23A Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10585
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human IL23A
Mol wt	20790
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	IL23A
Synonyms	IL23A; Interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; Interleukin-23 subunit p19; IL-23p19

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

developmental stage: Expressed by newborns dendritic cells. Associates with IL12B to form the IL-23 interleukin an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R activates the Jak-Stat signaling cascade stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis. induction: Up-regulated by a wide array of pathogens and pathogen-products together with self-signals for danger or injury. Up-regulated in psoriatic dermal tissues in dendritic cells of multiple sclerosis patients and in tumors. Belongs to the IL-6 superfamily. subcellular location: Secreted upon association with IL12B. subunit: Heterodimer with IL12B; disulfide-linked. The heterodimer is known as interleukin IL-23. tissue specificity: Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year