

Anti-IL9 Rabbit Polyclonal Antibody

Cat:AC51803

Basic information

Source: Rabbit**Swiss Prot:** P15248**Species reactivity:** Human,Rat**Gene ID:**3578**Isotype:** IgG**Tested applications:**WB,IHC**Purification:** Affinity purification**Immunogen:**Recombinant protein of human IL9**MW(kDa):**16kDa**Storage:** Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background:

The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness.

Western blot analysis with K000332P diluted at 1:1,000

Immunohistochemistry of paraffin-embedded Cervical cancer(hu) using K000332P at dilution of 1:100 (100x lens).