

Basic Information

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| Product Name | Anti-IBA1/AIF1 Antibody |
| Gene Name | AIF1 |
| Source | Rabbit |
| Isotype | IgG |
| Species Reactivity | human, mouse, rat |
| Tested Application | IHC |
| Contents | 500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol. |
| Immunogen | Recombinant protein (Escherichia coli) |
| concentration | 500 ug/ml |
| Dilution Ratios | Immunohistochemistry in paraffin section (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user. |

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Allograft inflammatory factor 1 (AIF-1), also known as ionized calcium-binding adapter molecule 1 (IBA1), is a protein that in humans is encoded by the AIF1 gene. This gene encodes a protein that binds actin and calcium. And this gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain.

Reference

Anti-IBA1/AIF1 Antibody被引用在3文献中。

Selected Validation Data

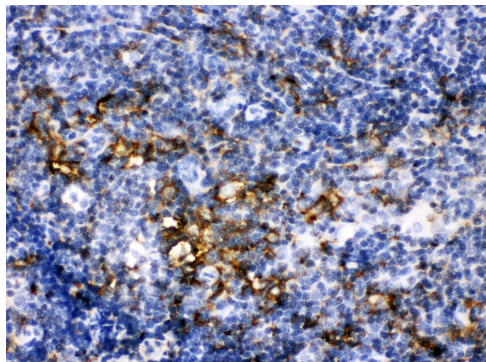


Figure 1. IHC analysis using Anti-AIF1 antibody (PB0517) detected in paraffin-embedded section of rat thymus tissue. Biotinylated goat Anti-rabbit IgG was used as secondary antibody. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB as the chromogen.