

CAB5469

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## Product Information

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|---------------------|---------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB5469 | <b>Gene ID:</b>      | 9516   | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse |

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## Additional Information

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| <b>Observed MW:</b>   | 23kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 17kDa | <b>Isotype:</b>   | IgG          |

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## Immunogen Information

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| <b>Background:</b>           | Lipopolysaccharide is a potent stimulator of monocytes and macrophages, causing secretion of tumor necrosis factor-alpha (TNF-alpha) and other inflammatory mediators. This gene encodes lipopolysaccharide-induced TNF-alpha factor, which is a DNA-binding protein and can mediate the TNF-alpha expression by direct binding to the promoter region of the TNF-alpha gene. The transcription of this gene is induced by tumor suppressor p53 and has been implicated in the p53-induced apoptotic pathway. Mutations in this gene cause Charcot-Marie-Tooth disease type 1C (CMT1C) and may be involved in the carcinogenesis of extramammary Paget's disease (EMPD). Multiple alternatively spliced transcript variants have been found for this gene. |
| <b>Recommended Dilution:</b> | WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms:</b>             | PIG7; SIMPLE; TP53I7; AF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification Method:</b>  | Affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen:</b>            | Recombinant fusion protein containing a sequence corresponding to amino acids 1-161 of human LITAF (NP_004853.2).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage:</b>              | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |