

## Product datasheet for **TA349362S**

### IRF6 Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | IHC, WB  |
| Recommended Dilution:   | WB: 200-1000<br>WB positive control: 231 cells, mouse kidney and lung tissue<br>IHC: 50-200<br>Positive control: Human cervical cancer<br>Predicted cell location: Nucleus and Cytoplasm |
| Reactivity:             | Human, Mouse   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | Fusion protein of human IRF6   |
| Formulation:            | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol   |
| Purification:           | Antigen affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 53 kDa   |
| Gene Name:              | interferon regulatory factor 6   |
| Database Link:          | <a href="#">NP_006138</a><br><a href="#">Entrez Gene 54139 Mouse</a> <a href="#">Entrez Gene 3664 Human</a><br><a href="#">O14896</a>  |

**Background:** This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.

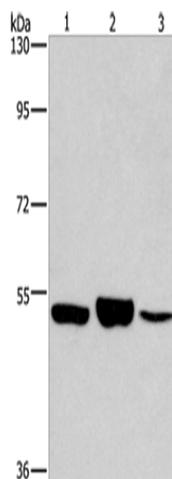


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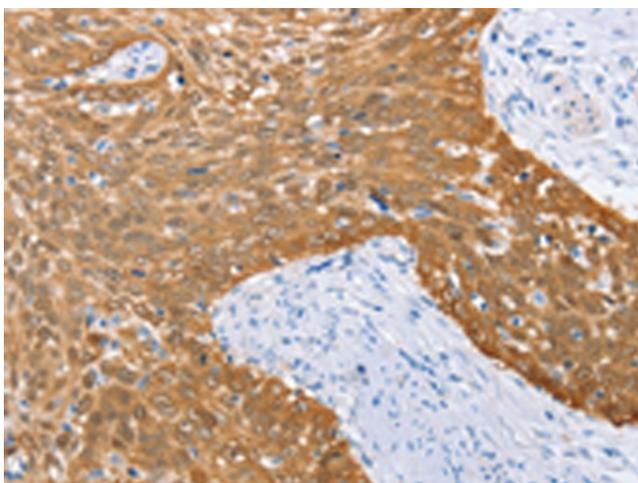
**Synonyms:** LPS; OFC6; PIT; PPS; PPS1; VWS; VWS1

**Protein Families:** ES Cell Differentiation/IPS, Transcription Factors

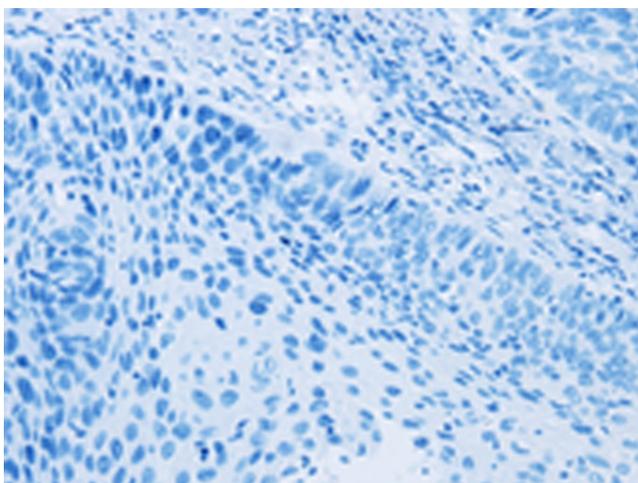
**Product images:**



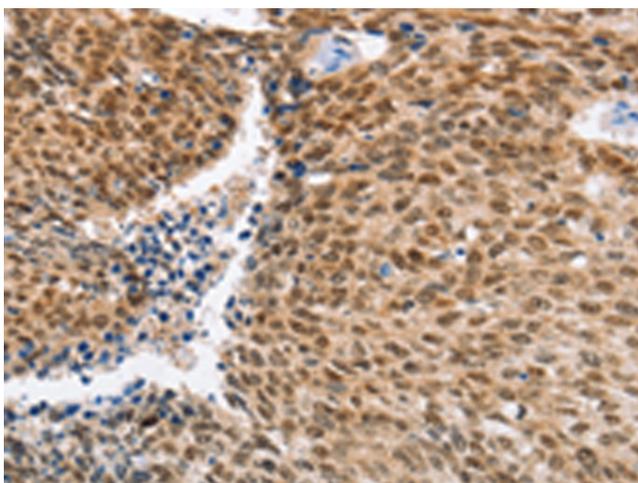
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-3: 231 cells  
mouse kidney tissue  
Mouse lung tissue  
Primary antibody: [TA349362] (IRF6 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 minutes



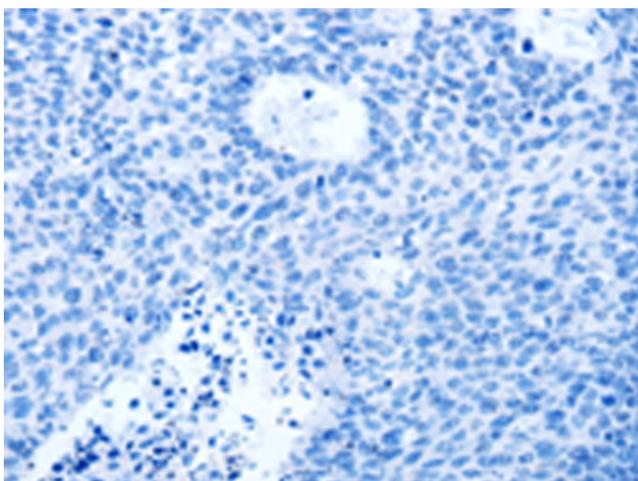
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA349362] (IRF6 Antibody) at dilution 1/50 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA349362] (IRF6 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349362] (IRF6 Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349362] (IRF6 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )