



Catalog: OM108894

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# Rabbit anti-IRF6 polyclonal antibody - middle region

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☐ 100ug

## Product profile

Product name	Rabbit anti-IRF6 polyclonal antibody - middle region
Antibody Type	Primary Antibodies
Immunogen	The immunogen for anti-IRF6 antibody: synthetic peptide directed towards the middle region of human IRF6

## Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB
Species Reactivity	Bovine Dog Horse Human Mouse Pig Rabbit Rat Sheep
Concentration	1 mg/ml
Purification	Affinity purified

## Target Information

Gene Symbol	IRF6
Gene Synonyms	LPS; OFC6; PIT; PPS; VWS; VWS1
Gene Full Name	Interferon regulatory factor 6
Gene Summary	IRF6 is 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. Mutations in its gene can cause van der Woude syndrome and popliteal pterygium syndrome. This protein is involved in palate formation. The protein encoded by this gene shares strong similarity with <i>Saccharomyces cerevisiae</i> Cdc23, a protein essential for cell cycle progression through the G2/M transition. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eucaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 ot

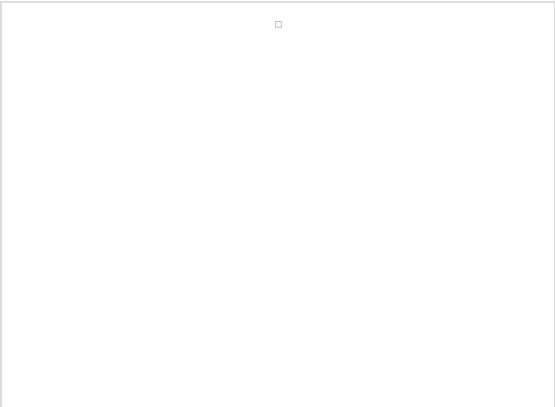
her members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction. This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. This protein is involved in palate formation. Publication Note : This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alternative Names	LPS, OFC6, PIT , PPS, VWS, VWS1
Molecular Weight(MW)	53kDa
Sequence	467 amino acids

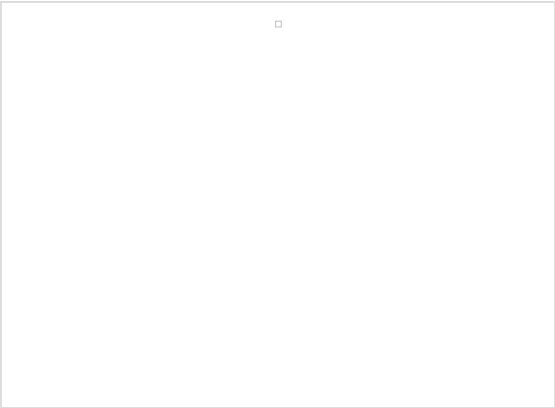
### Database Links

Entrez Gene	3664
SwissProt ID	O14896
Protein Accession	NP_006138

### Application



**Western blot**  
Host: Rabbit  
Target Name: SERPINA3  
Sample Tissue: Human Adult Placenta  
Antibody Dilution: 1.0ug/ml



**Western blot**  
0.2-1 ug/ml  
ELISA Titer: 1:62500  
Positive Control: Transfected 293T

Application Notes	WB:1:500~1:2000 Notes:Optimal dilutions/concentrations should be determined by the researcher.
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### Additional Information

<b>Form</b>	Liquid
<b>Storage Instructions</b>	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles
<b>Storage Buffer</b>	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Note</b>	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt

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