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11-3002: Polyclonal Antibody to ST2

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	IL1RL1
Gene ID :	9173
Uniprot ID :	Q01638
Format :	Purified
Alternative Name :	IL1RL1,DER4,ST2,T1
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant ST2V protein (amino acids 150-300) was used as the immunogen for this antibody.

Description

ST2V or ST2 is a member of the interleukin 1 receptor family. It acts as receptor for interleukin-33 (IL33) and its stimulation recruits MYD88, IRAK1, IRAK4 and TRAF6, followed by phosphorylation of MAPK3/ERK1. Diseases associated with ST2V are yellow fever and allergic conjunctivitis. It is highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine and has four isoforms produced by alternate splicing.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

This antibody detects ~34 kDa band. The size corresponds to Isoform 2 (Uniprot ID-**Q01638-2**) of ST2, the right size is ~63 kDa.

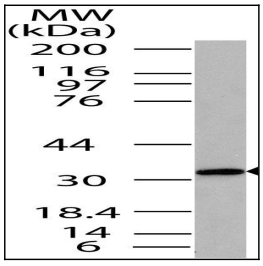


Fig-1: Western blot analysis of ST2V or ST2. Anti- ST2V or ST2 antibody (11-3002) was used at 2 µg/ml on Brain lysate.

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