

## ST2 Ab

[Images\(2\)](#)

Cat.#: DF2533	Concn.: ~1mg/ml	Mol.Wt.: 70 kDa
Size:	Source: Rabbit	Clonality: Polyclonal

**Application:** WB 1:500-1:2000, IHC 1:50-1:200  
\*The optimal dilutions should be determined by the end user.

**Reactivity:** Human,Mouse

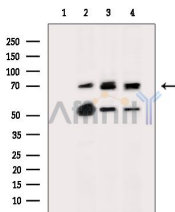
**Storage:** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

**Purification:** The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

**Immunogen:** A synthesized peptide derived from human ST2, corresponding to a region within the internal amino acids.

**Uniprot:** Q01638

**Description:** Receptor for interleukin-33 (IL-33), its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Possibly involved in helper T-cell function.



Western blot analysis of extracts from various samples, using ST2 Ab.  
Lane 1: Mouse brain, blocked with antigen-specific peptides.  
Lane 2: Mouse brain.  
Lane 3: Hepg2 cells(heat-shock treatment).  
Lane 4: Hela cells(heat-shock treatment).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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