

Smoothened homolog antibody [HL2975]

Cat. No. GTX640362

Host	Rabbit	Package
Clonality	Monoclonal	100 µl, 25 µl
Isotype	IgG	
Applications	WB, FCM, Functional Assay	
Reactivity	Human, Mouse	

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
FCM	Assay dependent
Functional Assay	Assay dependent

Not tested in other applications.

Observed MW (kDa) 80-100 kDa.

Product Note This antibody was raised against human Smoothened homolog Intracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment encompassing a sequence within the Intracellular domain of human Smoothened homolog. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



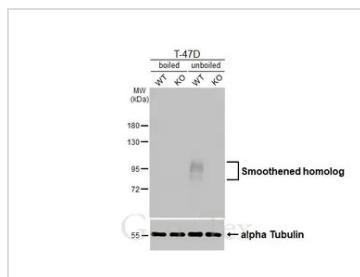
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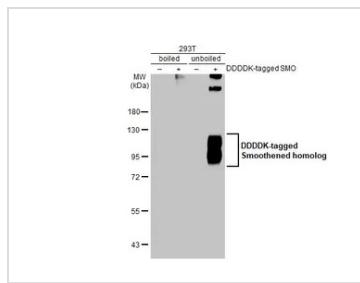
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Note

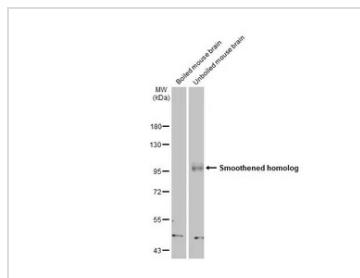
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DATA IMAGES**GTX640362 WB Image**

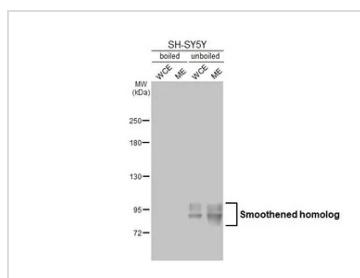
Boiled and unboiled wild-type (WT) and Smoothened homolog knockout (KO) T-47D cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Smoothened homolog antibody [HL2975] (GTX640362) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

**GTX640362 WB Image**

Non-transfected (-) and transfected (+) boiled and unboiled 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Smoothened homolog antibody [HL2975] (GTX640362) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX640362 WB Image**

Boiled and unboiled mouse brain extract (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Smoothened homolog antibody [HL2975] (GTX640362) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.

**GTX640362 WB Image**

Boiled and unboiled SH-SY5Y whole cell and membrane extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Smoothened homolog antibody [HL2975] (GTX640362) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. (WCE: whole cell extract; ME: membrane extract)



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