

## Anti-GAPDHS Antibody

Catalog Number: A06121-1

### About GAPDHS

Transports 1 Ca<sup>2+</sup> and 1 K<sup>+</sup> in exchange for 4 Na<sup>+</sup>. Controls the rapid response termination and proper regulation of adaptation in olfactory sensory neurons (OSNs) which subsequently influences how odor information is encoded and perceived. May play a role in calcium transport during amelogenesis By similarity.

Li X.-F., J. Biol. Chem. 277:48410-48417(2002).

Ota T., Nat. Genet. 36:40-45(2004).

Sulem P., Nat. Genet. 39:1443-1452(2007).

### Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-GAPDHS Antibody                                                                                                                       |
| Reactive Species     | Human, Mouse, Rat                                                                                                                          |
| Description          | Boster Bio Anti-GAPDHS Antibody catalog # A06121-1. Tested in WB,IHC,IF applications. This antibody reacts with Human,Mouse,Rat.           |
| Application          | IF, IHC, WB                                                                                                                                |
| Clonality            | Polyclonal                                                                                                                                 |
| Formulation          | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2                                                                     |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host                 | Rabbit                                                                                                                                     |
| Uniprot ID           | O14556                                                                                                                                     |

### Technical Details

|                     |                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen           | Synthesized peptide derived from human BMPER protein.                                                                                                       |
| Isotype             | IgG                                                                                                                                                         |
| Form                | Liquid                                                                                                                                                      |
| Concentration       | 1 mg/ml                                                                                                                                                     |
| Purification        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE). |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this                                                      |

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:2000

IHC: 1:50-1:200

IF: 1:50-1:200

## Anti-GAPDHS Antibody (A06121-1) Images

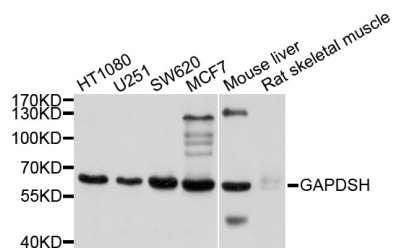


Figure 1. Western blotting validation for Anti-GAPDHS Antibody A06121-1

Western blot analysis of extracts of various cell lines

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