## abcam

## Product datasheet

## Mouse bladder tissue lysate - total protein ab4020

| Overview |  |
| :---: | :---: |
| Product name | Mouse bladder tissue lysate - total protein |
| General notes | Source: Outbred NIH-Swiss Albino mice. |
|  | Mouse bladder tissue lysate was prepared by homogenization in modified RIPA buffer ( 50 mM Tris-HCI, pH 7.4, 1\% Triton X-100, $0.2 \%$ sodium deoxycholate, $0.2 \%$ sodium dodecyl sulfate (SDS), 1 mM sodium ethylene diamine tetra acetate, 1 mM phenyl methyl sulfonyl flouride, $5 \mu \mathrm{~g} / \mathrm{ml}$ of aprotinin, $5 \mu \mathrm{~g} / \mathrm{ml}$ of leupeptin). Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The lysate was boiled for 5 min in 1 x SDS sample buffer ( 50 mM Tris-HCI pH 6.8, $12.5 \%$ glycerol, $1 \%$ SDS, $0.01 \%$ bromophenol blue) containing 5\% Beta-mercaptoethanol. <br> Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances. <br> It is the responsibility of our customers to check the necessity of application of REACH <br> Authorisation, and any other relevant authorisations, for their intended uses. |
| Tested applications | Suitable for: WB |

## Properties

Mycoplasma free Yes
Form Liquid

Storage instructions Shipped at $4^{\circ} \mathrm{C}$. Upon delivery aliquot. Store at $-80^{\circ} \mathrm{C}$. Avoid freeze / thaw cycle.
Storage buffer

## Lysate notes

pH: 7.2
Constituents: 60.05\% Water, 12.5\% Glycerol (glycerin, glycerine), 9\% Tris HCI, 7.7\% DTT, 4.4\% Sodium chloride, 1\% Triton-X-100, 1\% Sodium deoxycholate, 1.1\% Sodium lauryl sulfate, 0.15\% EDTA disodium salt, $0.5 \%$ Aprotinin, $0.5 \%$ Leupeptin hemisulfate, $0.09 \%$ PMSF, $0.01 \%$ Bromophenol blue

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## Applications

## The Abpromise guarantee

Our Abpromise guarantee covers the use of ab4020 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
| :--- | :--- | :--- |
| WB |  | Use at an assay dependent concentration. Mouse bladder tissue <br> lysate is ready to load on SDS-PAGE for Western blotting. It is <br> recommended to load $10 \mu \mathrm{~g}$ to $20 \mu \mathrm{~g}$ per lane for mini gel. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

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