

## Product datasheet

# Human brain amygdala tissue lysate (alzheimer) - membrane extract ab30118

### Overview

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**Product name** Human brain amygdala tissue lysate (alzheimer) - membrane extract

**General notes**

Protein is isolated from whole tissue homogenates using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. Quality control: 1. The isolated protein pattern on SDS-PAGE gel is visualized by coomassie blue staining. The pattern is consistent with each lot. 2. The isolated protein is Western Blot analyzed by either a GAPDH or beta-actin antibody. The expression level is consistent with each lot. Ethics: Human tissue samples are collected with the informed consent of the donors & relatives and are excised by licensed medical doctors. Tumor tissue samples are diagnosed and identified by at least two different evaluators. If you have more questions then please feel free to contact us. Donor information can be supplied on request.

**Tested applications** **Suitable for:** WB

### Properties

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**Form** Liquid

**Storage instructions** Store at -80°C. Allow to warm to room temp and agitate gently before aliquotting.

**Storage buffer** Preservative: None  
 Constituents: 2% SDS, 10% Glycerol, 0.1% Bromophenol blue, Protease inhibitor, Sodium chloride, EDTA, Magnesium chloride, HEPES, 0.15M Beta mercaptoethanol

**Lysate notes** Protein is isolated from whole tissue homogenates using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. Quality control: 1. The isolated protein pattern on SDS-PAGE gel is visualized by coomassie blue staining. The pattern is consistent with each lot. 2. The isolated protein is Western Blot analyzed by either a GAPDH or beta-actin antibody. The expression level is consistent with each lot. Ethics: Human tissue samples are collected with the informed consent of the donors & relatives and are excised by licensed medical doctors. Tumor tissue samples are diagnosed and identified by at least two different evaluators. If you have more questions then please feel free to contact us. Donor information can be supplied on request.

**Background** The amygdala can be defined as an almond-shaped neuro structure involved in producing and responding to nonverbal signs of anger, avoidance, defensiveness, and fear. It is a small mass of gray matter that inspires aversive cues, such as the freeze reaction, sweaty palms, and the tense-mouth display. It is a primeval arousal center, originating in early fishes, which is central to the expression of negative emotions in man.

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab30118** 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 dilution. Samples need to be boiled for 5 minutes and put on ice before use.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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