

Datasheet for ABIN7251769

anti-Calpain 5 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	Calpain 5 (CAPN5)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Fusion protein of human CAPN5
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	Calpain 5 (CAPN5)
Alternative Name:	CAPN5 (CAPN5 Products)
Background:	Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to

Target Details

Caenorhabditis elegans sex determination gene tra-3, CAPN5 is also called as HTRA3.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 73 kDa

UniProt: [O15484](#)

Application Details

Application Notes: WB 1:500-1:2000, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.72 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

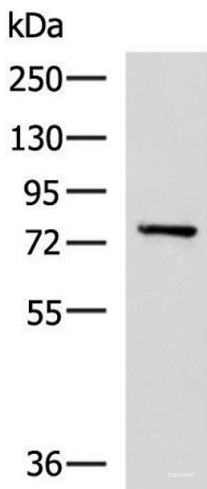
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of Mouse brain tissue lysate using CAPN5 Polyclonal Antibody at dilution of 1:550