



Calpain 2 Mouse mAb

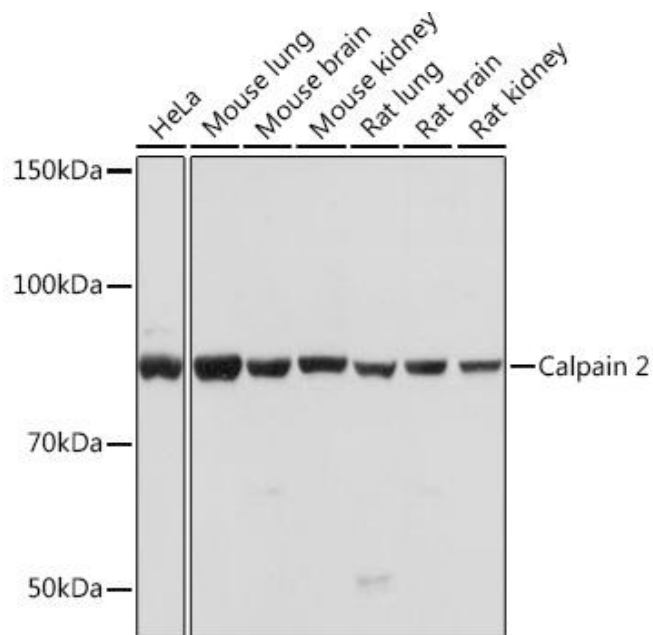
Catalog No	YP-mAb-02524
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Synthetic peptide. This information is considered to be commercially sensitive.
Specificity	
Formulation	
Source	Monoclonal, Mouse,IgG
Purification	Affinity purification
Dilution	WB: 1/500 - 1/2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CAPN2;Calpain M-type;Calpain M type;Calpain large polypeptide L2;Calpain 2 large subunit;Calpain 2;Calpain-2 catalytic subunit;CANPL2;Calcium-activated neutral proteinase 2;CANP 2;Calpain-2 large subunit;Millimolar-calpain;M-calpain;CANP2;mCANP;CANPml
Observed Band	80kDa
Calculated Molecular Weight	80kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and musclespecific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene.

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of various lysates using Calpain 2 Mouse mAb (A4066) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 5s.