



Anti-CASP1 (aa 100-200) polyclonal antibody (DPABH-27259)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Important for defense against pathogens. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Can also promote apoptosis.
Immunogen	Synthetic peptide corresponding to Mouse Caspase-1 aa 100-200 conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: P29452
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.4; Constituent: PBS
Preservative	0.01% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	CASP1 caspase 2 [Mus musculus]
Official Symbol	CASP1
Synonyms	CASP1; caspase 1; ICE; Il1bc; caspase-1; p45; CASP-1; IL-1BC; IL-1B converting enzyme; IL-1 beta-converting enzyme; interleukin-1 beta convertase; interleukin 1 beta-converting enzyme; interleukin-1 beta-converting enzyme;
Entrez Gene ID	12362
Protein Refseq	NP_033937.2
UniProt ID	P29452
Pathway	Amyotrophic lateral sclerosis (ALS); Androgen Receptor Signaling Pathway; Cytokine Signaling in Immune system; Cytosolic DNA-sensing pathway
Function	cysteine-type endopeptidase activity; cysteine-type peptidase activity; hydrolase activity; peptidase activity