

Anti-USP5 Antibody

Catalog Number: M04550

About USP5

Cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers. Involved in unanchored 'Lys-48'-linked polyubiquitin disassembly. Binds linear and 'Lys- 63'-linked polyubiquitin with a lower affinity. Knock-down of USP5 causes the accumulation of p53/TP53 and an increase in p53/TP53 transcriptional activity because the unanchored polyubiquitin that accumulates is able to compete with ubiquitinated p53/TP53 but not with MDM2 for proteasomal recognition.

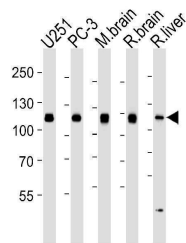
Overview

Product Name	Anti-USP5 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-USP5 Antibody (Catalog # M04550). Tested in WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal 134OCT704.170.140
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P45974

Technical Details

Immunogen	This USP5 antibody is generated from a mouse immunized with a recombination protein from the human region of human USP5.
Predicted Reactive Species	Bovine, Rabbit
Isotype	IgG1,kappa
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:2000

Anti-USP5 Antibody (M04550) Images



Western blot analysis of lysates from U251, PC-3 cell line, mouse brain, rat brain and liver tissue lysates (from left to right), using USP5 Antibody. M04550 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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Anti-USP5 Antibody

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