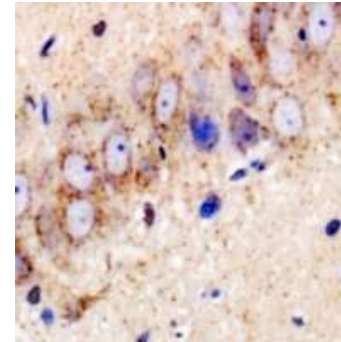


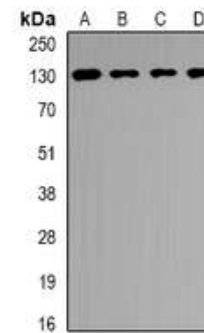
## USP25 Polyclonal Antibody

|                            |  |
|----------------------------|--|
| <b>CATALOG NO:</b>         | 6143-100   |
| <b>ALTERNATIVE NAMES:</b>  | USP21; Ubiquitin carboxyl-terminal hydrolase 25; Deubiquitinating enzyme 25; USP on chromosome 21; Ubiquitin thioesterase 25; Ubiquitin-specific-processing protease 25  |
| <b>AMOUNT:</b>             | 100 µl   |
| <b>IMMUNOGEN:</b>          | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human USP25   |
| <b>HOST/ISOTYPE:</b>       | Rabbit IgG   |
| <b>CLONALITY:</b>          | Polyclonal   |
| <b>SPECIFICITY:</b>        | Recognizes endogenous levels of USP25 protein  |
| <b>SPECIES REACTIVITY:</b> | Human, Mouse and Rat   |
| <b>PURIFICATION:</b>       | The antibody was purified by affinity chromatography   |
| <b>FORM:</b>               | Liquid   |
| <b>FORMULATION:</b>        | Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide  |
| <b>STORAGE CONDITIONS:</b> | Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles   |
| <b>DESCRIPTION:</b>        | Deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates and thus, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates. Hydrolyzes both 'Lys-48'- and 'Lys-63'-linked tetraubiquitin chains. The muscle-specific isoform (USP25m) may have a role in the regulation of muscular differentiation and function. |
| <b>APPLICATION:</b>        | WB; 1:500 – 1:2000, IHC; 1:50 – 1:2000   |

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical analysis of USP25 staining in mouse brain formalin fixed paraffin embedded tissue section.



Western blot analysis of USP25 expression in SKOV3 (A); PC12 (B); mouse brain (C); mouse liver (D) whole cell lysates

### RELATED PRODUCTS:

- USP1 Polyclonal Antibody (Cat. No. 6140-100)
- USP2 Polyclonal Antibody (Cat. No. 6141-100)
- USP3 Polyclonal Antibody (Cat. No. 6142-100)
- USP4 Polyclonal Antibody (Cat. No. 6131-50)
- USP5 Polyclonal Antibody (Cat. No. 6132-50)
- USP7 Polyclonal Antibody (Cat. No. 3747-100)
- USP8 Polyclonal Antibody (Cat. No. 6133-50)
- USP14 Polyclonal Antibody (Cat. No. 6134-50)
- USP15 Polyclonal Antibody (Cat. No. 6135-50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**