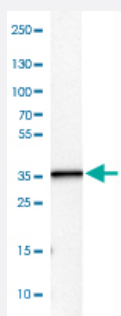


USP2 polyclonal antibody

Catalog # PAB30778

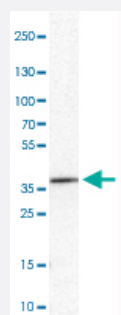
Size 100 uL

Applications



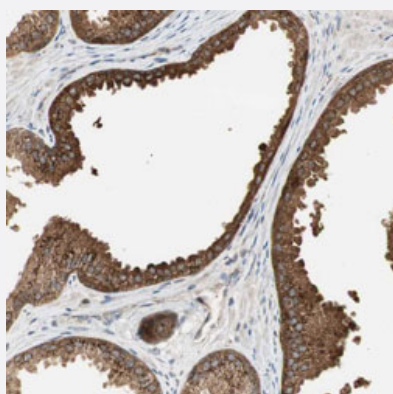
Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with USP2 polyclonal antibody (Cat # PAB30778).



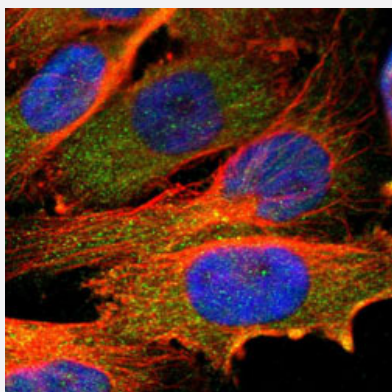
Western Blot (Tissue lysate)

Western Blot analysis of mouse cerebral cortex tissue lysate with USP2 polyclonal antibody (Cat # PAB30778).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate with USP2 polyclonal antibody (Cat # PAB30778) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of U-251 MG with USP2 polyclonal antibody (Cat # PAB30778) (Green) shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human USP2.
Immunogen	Recombinant protein corresponding to human USP2.
Sequence	SGFPYGVTTNNCLSYLPINAYDQGVTLTQKLD SQSDLARDFSSLR TSDSYRIDPRNLGRSPMLARTR KELCTLQGLYQTASCPEYLV DYLENYGRKGSASQVPSQAPPSRVPEIISPTYR
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with USP2 polyclonal antibody (Cat # PAB30778).

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Immunofluorescent staining of U-251 MG with USP2 polyclonal antibody (Cat # PAB30778) (Green) shows positivity in cytoplasm.

Gene Info — USP2

Entrez GeneID [9099](#)

Protein Accession# [O75604](#)

Gene Name USP2

Gene Alias UBP41, USP9

Gene Description ubiquitin specific peptidase 2

Omim ID [604725](#)

Gene Ontology [Hyperlink](#)

Gene Summary Ubiquitin (MIM 191339), a highly conserved protein involved in the regulation of intracellular protein breakdown, cell cycle regulation, and stress response, is released from degraded proteins by disassembly of the polyubiquitin chains. The disassembly process is mediated by ubiquitin-specific proteases (USPs). Also see USP1 (MIM 603478).[supplied by OMIM]

Other Designations ubiquitin carboxyl-terminal hydrolase 2 variant 1|ubiquitin carboxyl-terminal hydrolase 2 variant 2|ubiquitin specific protease 12|ubiquitin specific protease 2|ubiquitin specific protease 9

Disease

- [Genetic Predisposition to Disease](#)

- [Obesity](#)