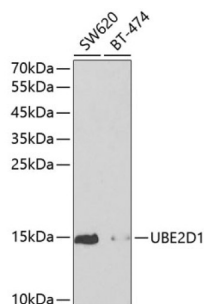
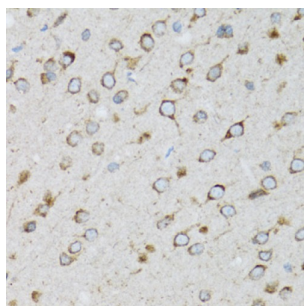


Ubiquitin-Conjugating Enzyme E2 D1 (UBE2D1) Antibody

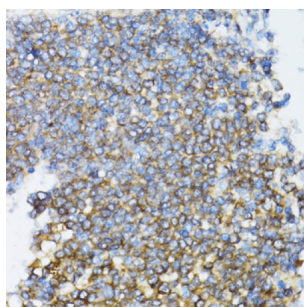
Catalogue No.: abx001594



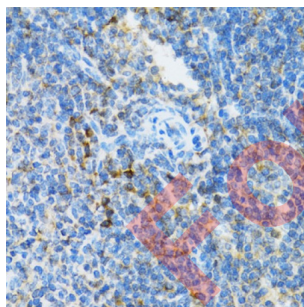
Western blot analysis of extracts of various cell lines using UBE2D1 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Rat brain using UBE2D1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Rat spleen using UBE2D1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse spleen using UBE2D1 Antibody (1/100 dilution, 40x lens).

UBE2D1 Antibody is a Rabbit Polyclonal antibody against UBE2D1. The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. Two transcript variants encoding different isoforms have been found for this gene.

Datasheet

Version: 4.0.0
Revision date: 13 Mar 2025



Target:	Ubiquitin-Conjugating Enzyme E2 D1 (UBE2D1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human UBE2D1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P51668 (UniProt , ExPASy)
Gene Symbol:	UBE2D1
GeneID:	7321
NCBI Accession:	NP_003329.1
KEGG:	hsa:7321
String:	9606.ENSP00000363019
Molecular Weight:	Calculated MW: 16 kDa Observed MW: 14 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml

Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only