

Datasheet for ABIN5708495

**anti-WWOX antibody**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	WWOX
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	A recombinant human protein corresponding to amino acids M1-D245 was used as the immunogen for the WWOX antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

## Target Details

Target:	WWOX
Alternative Name:	WWOX ( <a href="#">WWOX Products</a> )
Background:	WW domain-containing oxidoreductase is an enzyme that in humans is encoded by the WWOX gene. This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) protein family. It spans the FRA16D common chromosomal fragile site and appears to function as a tumor suppressor gene. Expression of the encoded protein is able to induce apoptosis, while defects in this gene are associated with multiple types of cancer. Disruption of this gene

## Target Details

is also associated with autosomal recessive spinocerebellar ataxia 12. Disruption of a similar gene in mouse results in impaired steroidogenesis, additionally suggesting a metabolic function for the protein. Alternative splicing results in multiple transcript variants.

UniProt: [Q9NZC7](#)

## Application Details

Application Notes: Optimal dilution of the WWOX antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL, IHC (FFPE): 1-2 µg/mL, Direct ELISA: 0.1-0.5 µg/mL

Restrictions: For Research Use only

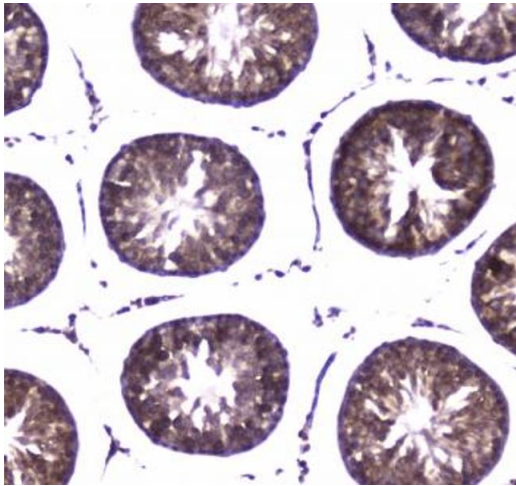
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

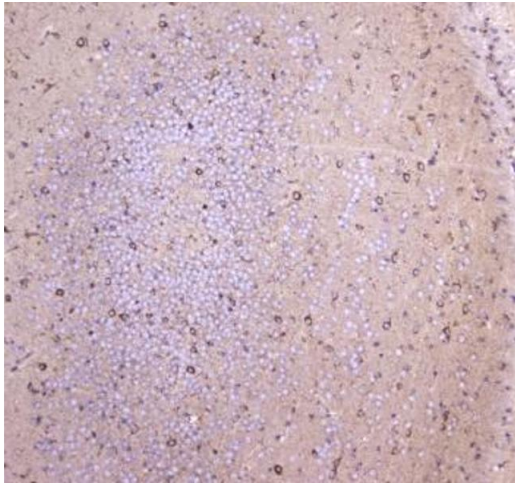
Storage Comment: After reconstitution, the WWOX antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



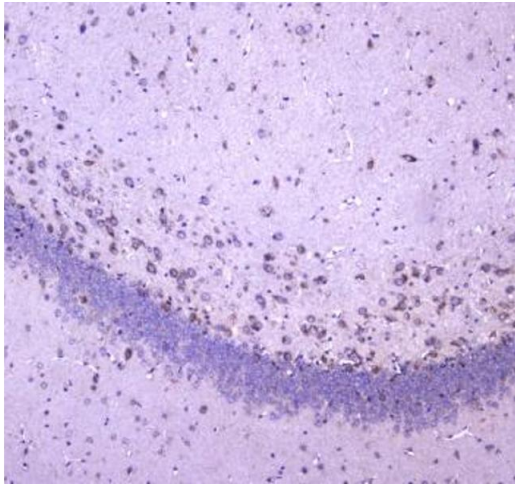
### Immunohistochemistry

**Image 1.** IHC testing of FFPE rat testis tissue with WWOX antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



#### Immunohistochemistry

**Image 2.** IHC testing of FFPE mouse brain tissue with WWOX antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



#### Immunohistochemistry

**Image 3.** IHC testing of FFPE rat brain tissue with WWOX antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5708495.