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Datasheet for ABIN6281289  
**anti-OPN3 antibody (Internal Region)**

### Overview

Quantity:	50 µL
Target:	OPN3
Binding Specificity:	AA 140-220, Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPN3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Rabbit polyclonal to Encephalopsin.
Immunogen:	Synthesized peptide derived from human Encephalopsin
Isotype:	IgG
Specificity:	Encephalopsin Polyclonal Antibody detects endogenous levels of Encephalopsin protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Target Details

Target:	OPN3
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## Target Details

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Alternative Name: Encephalopsin ([OPN3 Products](#))

Molecular Weight: 45 kDa

Gene ID: 23596

UniProt: [Q9H1Y3](#)

## Application Details

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Application Notes: WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:5000

Comment: Strongly expressed in brain. Highly expressed in the preoptic area and paraventricular nucleus of the hypothalamus. Shows highly patterned expression in other regions of the brain, being enriched in selected regions of the cerebral cortex, cerebellar Purkinje cells, a subset of striatal neurons, selected thalamic nuclei, and a subset of interneurons in the ventral horn of the spinal cord.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.