

## [KO Validated] Anti-PDCD4 Rabbit pAb

Purified Rabbit Polyclonal Antibody

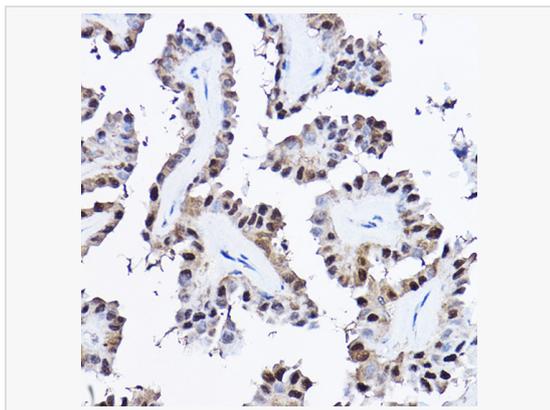
Catalog # P105501

### Product Information

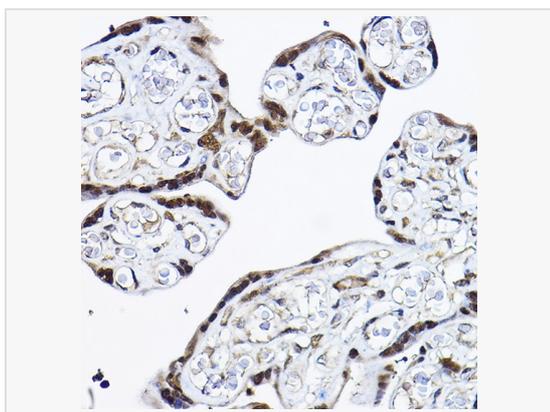
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human PDCD4 (NP_055271.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PDCD4 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

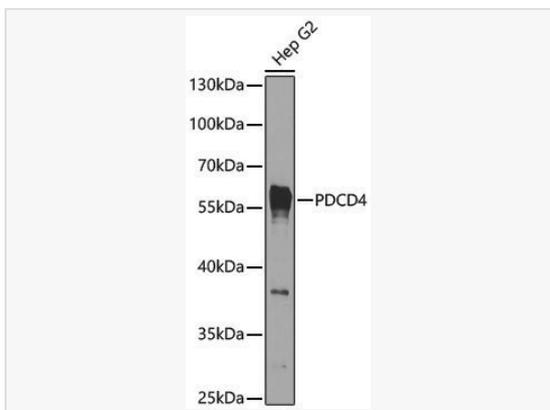
Synonyms	H731; D4.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 60 kDa
Uniprot ID	Q53EL6
Gene ID	27250
Background	This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants.



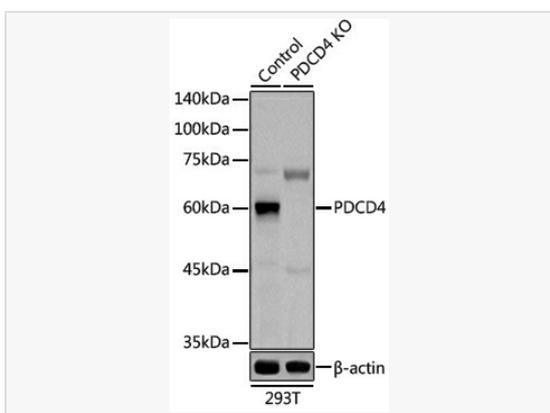
Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using [KO Validated] PDCD4 Rabbit pAb (P105501) at dilution of 1:20 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



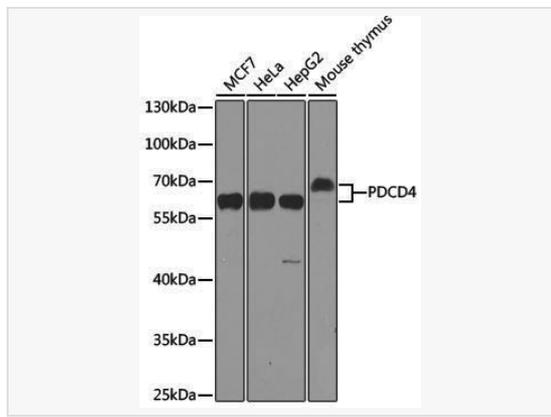
Immunohistochemistry analysis of paraffin-embedded Human placenta using [KO Validated] PDCD4 Rabbit pAb (P105501) at dilution of 1:20 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from Hep G2 cells using PDCD4 Rabbit pAb (P105501) at 1:1,000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.  
 Lysates/proteins: 25 µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Kit.  
 Exposure time: 30s.



Western blot analysis of lysates from wild type (WT) and PDCD4 knockout (KO) 293T cells, using [KO Validated] PDCD4 Rabbit pAb (P105501) at 1:1,000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Kit.  
 Exposure time: 180s.



Western blot analysis of various lysates using [KO Validated] PDCD4 Rabbit pAb (P105501) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit.

Exposure time: 90s.