



# Anti-CTNND2 (aa 1081-1190) polyclonal antibody (DPAB-DC662)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes an adhesive junction associated protein of the armadillo/beta-catenin superfamily and is implicated in brain and eye development and cancer formation. The protein encoded by this gene promotes the disruption of E-cadherin based adherens junction to favor cell spreading upon stimulation by hepatocyte growth factor. This gene is overexpressed in prostate adenocarcinomas and is associated with decreased expression of tumor suppressor E-cadherin in this tissue. This gene resides in a region of the short arm of chromosome 5 that is deleted in Cri du Chat syndrome. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Immunogen</b>	CTNND2 (NP_001323, 1081 a.a. ~ 1190 a.a) partial recombinant protein with GST tag. The sequence is ISLKERKTDYECTGSNATYHGAKGEHTSRKDAMTAQNTGISTLYRNSYGAPAEDIKHNQV SAQPVPQEPSRKDYETYQPFQNSTRYDESFFEDQVHHRPPASEYTMHLG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">CTNND2 catenin (cadherin-associated protein), delta 2 [ Homo sapiens (human) ]</a>
Official Symbol	CTNND2
Synonyms	CTNND2; catenin (cadherin-associated protein), delta 2; GT24; NPRAP; catenin delta-2; neurojungin; T-cell delta-catenin; catenin (cadherin-associated protein), delta 2 (neural plakophilin-related arm-repeat protein);
Entrez Gene ID	<a href="#">1501</a>
Protein Refseq	<a href="#">NP_001275644</a>
UniProt ID	<a href="#">E7EPC8</a>
Chromosome Location	5p15.2
Function	protein binding;