

Product datasheet for **AP51260PU-N**

DIAPH2 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 877~907 amino acids from the Central region of Human DIAPH2.
Specificity:	This antibody recognizes Human DIAPH2 (Center).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	diaphanous related formin 2
Database Link:	Entrez Gene 1730 Human O60879



[View online »](#)

Background: DIAPH2 belongs to the diaphanous subfamily of the formin homology family of proteins. This gene may play a role in the development and normal function of the ovaries. Defects in this protein have been linked to premature ovarian failure 2.

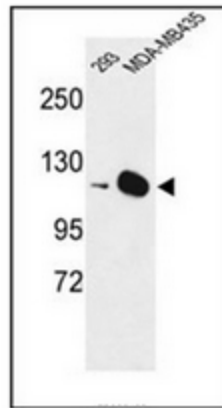
Synonyms: DIA, diaphanous homolog 2, Diaphanous-related formin-2, DRF

Note: **Molecular Weight:** 125569 Da

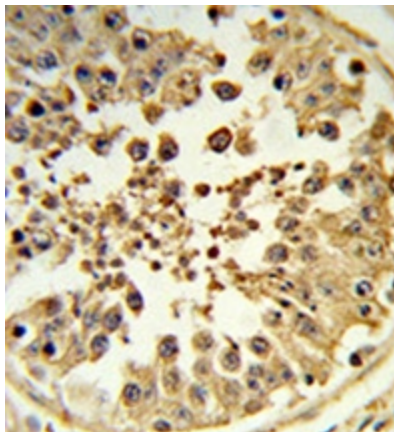
Protein Families: Druggable Genome

Protein Pathways: Regulation of actin cytoskeleton

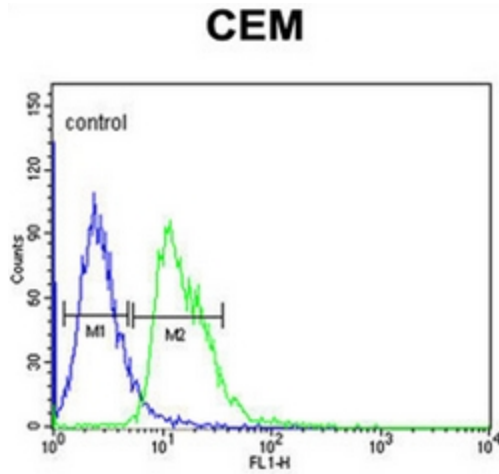
Product images:



Western blot analysis of DIAPH2 Ab.



Formalin-fixed and paraffin-embedded human testis tissue reacted with DIAPH2 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Flow cytometric analysis of CEM cells using DIAPH2 Antibody (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.